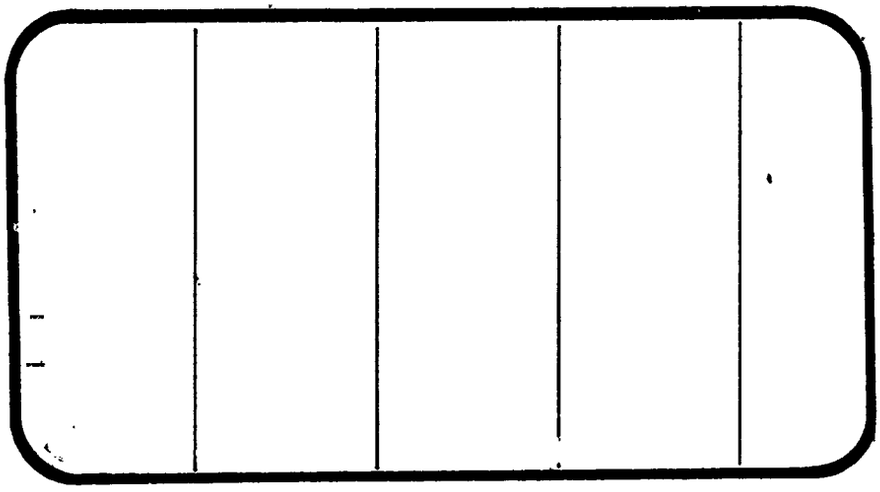
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION



(NASA-CR-144602) RESULTS OF AN INVESTIGATION OF JET PLUME EFFECTS ON AN 0.010-SHALE MODEL (75-OTS) OF THE SPACE SHUTTLE INTEGRATED VEHICLE IN THE 9 X 7-FOOT LEG OF THE NASA/AMES UNITARY WIND TUNNEL G3/18

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SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT

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March, 1976

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VOLUME 2 OF 2

RESULTS OF AN INVESTIGATION OF JET PLUME EFFECTS ON AN 0.010-SCALE MODEL (75-OTS) OF THE SPACE SHUTTLE INTEGRATED VEHICLE IN THE 9 X 7-FOOT LEG OF THE NASA/AMES UNITARY WIND TUNNEL (IA82B)

by

P. J. Hawthorne
Rockwell International Space Division

Prepared under NASA Contract Number NAS9-13247

by

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New Orleans, La. 70189

for

Engineering Analysis Division

Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number:	ARC 97-044
NASA Series Number:	IA82B
Model Number:	75-OTS
Test Dates:	January 23 through February 3, 1975
Occupancy Hours:	108

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RESULTS OF AN INVESTIGATION OF JET PLUME EFFECTS ON AN 0.010-SCALE MODEL (75-OTS) OF THE SPACE SHUTTLE INTEGRATED VEHICLE IN THE 9 X 7-FOOT LEG OF THE NASA/AMES UNITARY WIND TUNNEL (IA82B)

by

P. J. Hawthorne, Rockwell International Space Division

ABSTRACT

This document presents results of a wind tunnel test of the Rockwell International Space Shuttle Mated Vehicle in the NASA Ames Research Center at Moffett Field, California. The test is identified as IA82B and was conducted in the 9 X 7-foot leg of the Ames Unitary Plan Wind Tunnel.

The primary test objective was to define the base pressure environment of the first and second stage mated vehicle in a supersonic flow field from Mach 1.55 through 2.20 with simulated rocket engine exhaust plumes. The secondary objective was to obtain the pressure environment of the orbiter at various vent port locations at these same freestream conditions. The tertiary objective of the test was the definition of the Mach number environment around the base of the model with rocket plumes simulated.

Data were obtained at angles of attack from -4° through +4° at zero yaw, and at yaw angles from -4° through +4° at zero angle of attack, with rocket plume sizes varying from smaller than nominal to much greater than nominal. Failed Orbiter engine data were also obtained. Elevon hinge moments and wing panel load data were obtained during all runs.

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PLOTTED COEFFICIENTS SCHEDULE:

A) CBMW, CTMW, CNW, XWCP/L, YWCP/B versus ALPHA

B) CHEI, CHEO versus ALPHA

C) CBMW, CTMW, CNW, XWCP/L, YWCP/B versus BETA

D) CHEI, CHEO versus BETA

E) DCBMW, DCTMW, DCNW, DXWCP, DYWCP versus MACH

F) DCHEI, DCHEO versus MACH

G) DXWCP, DYWCP versus MACH

H) CP versus MACH

I) DCP versus MACH

J) CP versus R/ROD

K) DCP versus R/ROD

L) CABORB versus MACH

M) CABET versus MACH

N) CABSRB versus MACH

O) M11, M12, M13, M14, M15, M16, M17 versus MACH

P) M11, M12, M21, M22, M23, M24 versus MACH

Q) M31, M32, M33, M34, M35, M36 versus MACH

NOMENCLATURE

General

Symbol	Plot Symbol	Definition
a		speed of sound; m/sec, ft/sec
C_p	CP	pressure coefficient; $(p_l - p_\infty)/q$
M	MACH	Mach number; V/a
p		pressure; N/m^2, psf
q	Q(NSM) Q(PSF)	dynamic pressure; $1/2\rho V^2$, N/m^2, psf
RN/L	RN/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
α	ALPHA	angle of attack, degrees
β	BETA	angle of sideslip, degrees
ψ	PSI	angle of yaw, degrees
ρ		mass density; kg/m^3, $slugs/ft^3$

Reference & C.G. Definitions

A_b		base area; m^2, ft^2
b_{REF}	BREF	reference span; m, ft
b		model span; m, ft
c.g.		center of gravity
ℓ_{REF}	LREF	reference length, m, ft
$\bar{c}$		mean aerodynamic chord; m, ft
S_w	SREF	wing area or reference area; m^2, ft^2
	MRP	moment reference point

NOMENCLATURE (Continued)

Symbol	Plot Symbol	Definition
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis
$A_{T_{SRB}}$		SRB nozzle throat area, in^2
$A_{T_{MPS}}$		MPS nozzle throat area, in^2
b_w	BW	wing bending moment, about Y_o = 106., in-lbf
C_{B_W}	CBMW	wing bending moment coefficient, about Y_o = 106
$\bar{c}_e$	CE	elevon reference length, in
$C_{h_{ei}}$	CHEI	inner elevon hinge moment coefficient, about hinge line
$C_{h_{eo}}$	CHEO	outer elevon hinge moment coefficient, about hinge line
C_{N_W}	CNW	wing panel normal force coefficient
C_{p_i}	CPi	surface tap pressure coefficient, i = tap number
C_{T_W}	CTMW	wing torsion moment coefficient, about X_o = 1307
δ_{ei}	ELV-IB	inboard elevon deflection, degrees
δ_{eo}	ELV-OB	outboard elevon deflection, degrees
ϵ_{MPS}	EPSLNO	expansion ratio, MPS nozzle
ϵ_{SRM}	EPSLNS	expansion ratio, SRM nozzle
ET	ET	external tank
h_{ei}	HEI	inner elevon hinge moment about hinge line, in-lbs

NOMENCLATURE (Continued)

Symbol	Plot Symbol	Definition
h_{eo}	HEO	outer elevon hinge moment about hinge line, in-lbs
Λ_{LE}	LAMBDA	leading edge sweep angle, deg.
P_s	PS	static pressure, psia
θ_j		nozzle plume boundary exit angle measured relative to the nozzle centerline
ML	ML	local Mach number
	M11	local Mach number for Orbiter rake (P142 and 1P1)
	M12	local Mach number for Orbiter rake (P141 and 1P2)
	M13	local Mach number for Orbiter rake (1S3 and 1P3)
	M14	local Mach number for Orbiter rake (1S4 and 1P4)
	M15	local Mach number for Orbiter rake (1S5 and 1P5)
	M16	local Mach number for Orbiter rake (1S6 and 1P6)
	M17	local Mach number for Orbiter rake (1S7 and 1P7)
	M21	local Mach number for external tank rake (P225 and 2P1)
	M22	local Mach number for external tank rake (2S2 and 2P2)
	M23	local Mach number for external tank rake (2S3 and 2P3)
	M24	local Mach number for external tank rake (P231 and 2P4)
	M31	local Mach number for SRB rake (3S1 and 3P1)
	M32	local Mach number for SRB rake (3S2 and 3P2)

NOMENCLATURE (Continued)

Symbol	Plot Symbol	Definition
	M33	local Mach number for SRB rake (3S3 and 3P3)
	M34	local Mach number for SRB rake (3S4 and 3P4)
	M35	local Mach number for SRB rake (3S5 and 3P5)
	M36	local Mach number for SRB rake (3S6 and 3P6)
MPS	MPS	main propulsion system
n_w	NW	wing panel normal force - lbf
P_i	Pi	surface pressure at ith tap number
P_c		chamber pressure, psia
P_{co}	PCORB	Orbiter chamber pressure, psia
P_{cs}	PCSRM	SRM chamber pressure, psia
P_{ei}	PEi	nozzle exit, i indicates nozzle location, psia
P_L	PL	local static pressure, psia
P_∞	PO	tunnel freestream static pressure, psia
P_t	PT	tunnel freestream total pressure, psia
P_{t_i}	PTi	local total pressure at ith probe, psia
P_{co}/P_∞	MPSCPR	Orbiter chamber to freestream pressure ratio
P_{cs}/P_∞	SRBCPR	SRB chamber to freestream pressure ratio
P_{ei}/P_∞	RPEI	exit to freestream pressure ratio at ith station
S_e	SE	elevon computation area, ft^2

NOMENCLATURE (Continued)

Symbol	Plot Symbol	Definition
SRB	SRB	solid rocket booster
SSME	SSME	space shuttle main engines
T_T	TTR	average tunnel total temperature °R
$T_{T_{ORB}}$	TTORB	Orbiter plume air total temperature, °R
$T_{T_{SRM}}$	TTSRM	SRM plume air total temperature, °R
T_w	TW	wing panel torsion moment, in-lbf
$\dot{w}_{SRB}$		SRB nozzle weight flow rate, lb/sec
$\dot{w}_{MPS}$		MPS nozzle weight flow rate lb/sec

Subscripts

i - Nozzle number,

1 = Top MPS nozzle,
2 = L.H. MPS nozzle,
3 = R.H. MPS nozzle,
4 = L.H. SRB nozzle,
5 = R.H. SRB nozzle,

or:

i = surface tap numbers, see figure 2i
∞ = freestream tunnel conditions
b = base
l = local
s = static conditions
t = total conditions

NOMENCLATURE (Continued)

Additions

Symbol	Plot Symbol	Definition
XC_p/ℓ_{REF}	XWCP/L	wing center of pressure as a fraction of body length
YC_p/b_{REF}	YWCP/B	wing center of pressure as a fraction of body span
$\Delta\delta_{ei}$	DELVIB	incremental inboard elevon deflection, degrees
$\Delta\delta_{eo}$	DELVOB	incremental outboard elevon deflection, degrees
ΔC_p	DCP	incremental surface tap pressure coefficient
ΔC_{B_W}	DCBMW	incremental wing bending moment coefficient, about Y_o = 106
ΔC_{T_W}	DCTMW	incremental wing torsion moment coefficient, about X_o = 1307
ΔC_{N_W}	DCNW	incremental wing panel normal force coefficient
$\Delta C_{h_{ei}}$	DCHEI	hinge moment coefficient increment for inboard elevon due to power/plume effect, power on- power off
$\Delta C_{h_{eo}}$	DCHEO	hinge moment coefficient increment for outboard elevon due to power/plume effect, power on- power off
$\Delta XC_p/\ell_{REF}$	DXWCP	incremental wing center of pressure as a fraction of body length
$\Delta YC_p/b_{REF}$	DYWCP	incremental wing center of pressure as a fraction of body span
ϕ_B	PHI	SRM base angle of roll, degrees
ϕ_O	PHI	Orbiter angle of roll, degrees
ϕ_S	PHI	SRB Mach rake angle of roll, degrees
ϕ_T	PHI	external tank angle of roll, degrees

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NOMENCLATURE (Continued)

Symbol	Plot Symbol	Definition
X_B	XB	SRM base longitudinal distance, in
X_O	XO	Orbiter longitudinal distance, in
Y_O	YO	Orbiter lateral distance, in
Z_O	ZO	Orbiter vertical distance, in
X_S	XS	SRB Mach rake longitudinal distance, in
X_T	XT	external tank longitudinal distance, in
R		radius of tap location, in
R/R_{OD}	R/ROD	radius of tap location divided by outer radius
δ_{BF}	BDFLAP	body flap deflection angle, degrees
δ_r	RUDDER	rudder deflection angle, degrees
δ_e	ELEVON	elevon deflection angle, degrees
δ_{SB}	SPDBRK	speed brake flare angle, degrees
$1P_i$	1Pi	Orbiter Mach rakes, pitot taps (i = 1 to 7)
$1S_i$	1Si	Orbiter Mach rakes, static taps (i = 1 to 7)
$2P_i$	2Pi	external tank Mach rakes, pitot taps (i = 1 to 4)
$2S_i$	2Si	external tank Mach rakes, static taps (i = 2 to 3)
$3P_i$	3Pi	SRB Mach rakes, pitot taps (i = 1 to 6)
$3S_i$	3Si	SRB Mach rakes, static taps (i = 1 to 6)

NOMENCLATURE (Concluded)

Symbol	Plot Symbol	Definition
$C_{A_{B_{SRB}}}$	CABSRB	solid rocket booster base force coefficient
$C_{A_{B_{ET}}}$	CABET	external tank base axial force coefficient
$C_{A_{B_{ORB}}}$	CABORB	Orbiter base axial force coefficient

REMARKS

To obtain data for data sets (comprised of three data runs), the wind tunnel freestream Mach number was set, and the model nozzle blowing system pressures were set and allowed to stabilize. Pressure and panel data were then recorded at each of the five α/β combinations. Exceptions to this procedure were data sets RE6006, 009, 015, 018, 024, and 027, where the plume air pressure was varied at $\alpha = \beta = 0°$

No difficulty was encountered in bleeding off the added mass of model nozzle plume air from the tunnel circuit to maintain constant freestream conditions. During data sets RE6001 through 27, pressure rakes were mounted about the Orbiter, SRB, and ET bases. This data is presented in both coefficient form and calculated local Mach numbers.

Data in data sets RE6091 through 099 were obtained with a MSFC proposed base drag reduction ring epoxied on the rear of the tank model.

Good data confidence is assignable on the basis of model and instrumentation performance and running checks for anomalies made throughout the test program.

Hinge moment data is good, and wing normal force and bending moment data are in reasonable agreement with prior data. Wing root torsional moment data differ from expected values. However, this difference is primarily due to loads on the forward wing glove (a primary contribution to wing root torsional moment) which were not measured by the instrumentation on the model.

Zero returns on the wing gauges taken varied less than 0.4° and

sensitivity shifts were negligible. The elevon zero returns were generally less than 0.3% with zero shift of less than 0.4% except for data sets RE6001 to 005, 008, 009, 019, 021, 022 and 023, where the zero shift was 1.8% for the outer elevon hinge moments. These values are for full scale ranges which were nominally 1.05 times the maximum test loads for wing normal and bending, 3 times in torsion and 1.5 times the elevon hinge moments.

CONFIGURATIONS INVESTIGATED

The model was a blade strut mounted 0.010-scale replica of the Rockwell International first stage (Orbiter, external oxygen hydrogen tank and solid rocket boosters) Space Shuttle Vehicle. The model was used to simulate the second stage by the removal of the solid rocket boosters.

The model was fabricated entirely of Armco steel stock, with the exception of mechanical fasteners, seals, and electrical instrumentation by and under the direction of the B-1 Division of Rockwell International.

The basic Orbiter was in accord with Rockwell International drawing VL70-000140C lines with the substitution of the blunter VL70-08410 and VL70-08401 Orbital Maneuvering System (OMS) pods on the upper sidewalls and the elimination of the drag chute fairing from the vertical tail, reverting to the prior drawing, VL70-000146A. This combination has been designated - "140C modified" or VC70-000002.

The Orbiter is of blended wing body design with a double delta planform ($81/45\Lambda_{LE}$) 12% thick wing and full span elevons with a six inch interpanel gap between the independently deflectable inner and outer panels. A single centerline vertical tail with rudder and/or speedbrake capability is mounted between the two OMS pods, and a single body flap to aid in trim control during reentry from orbit is fitted on the lower trailing edge of the fuselage; the rudder/speedbrake and body flaps are not deflectable on this model. The Orbiter configuration simulated is shown in figure 2b.

The External Tank (ET) was in accord with Rockwell International

drawing VC78-000002 for general confirmation. The attach hardware was on drawing VL78-000062B and is the same as fitted to model 52T. The tank was of cylindrical cross-section and had a liquid oxygen vent valve housing with lightning rod at the front of the 612.0" radius tangent ogive nose. The outer surface simulated was what is referred to on later drawings as the outside skin line which is the surface without the TPS thickness (SOFI) added. The longeron hat section stiffners between the oxygen and hydrogen portions of the ET were simulated.

The general arrangement of External Tank is shown in Figure 2c.

The Solid Rocket Boosters (SRB) were modelled to conform to Rockwell International drawing VC77-000002A with the exception that to maintain consistency with model 88-S, the nozzle external contours were reflective of the earlier VL77-000066 drawing with a nozzle gimbal point 86.8 inches from the exit plane.

The SRB's are of cylindrical form with a flared base shielding the nozzle and forward skirt with a conical nose. A data capsule on the forward skirt, the cable systems tunnel and aft skirt stiffening struts were simulated.

The general layout of an SRB is shown in Figure 2d.

The model was basically in accord with Rockwell International Shuttle Control drawing VC72-000002 with the exceptions noted, and may be properly referred to as Modified Vehicle 4 or proposed Vehicle 5.

The general layout of the first and second stage vehicles is shown

in Figures 2a and 2e.

The Ames Unitary Tunnel high pressure air supply was utilized for cold jet plume simulation of the jet plumes eminating from the Orbiter MPS and SRB nozzles. The Orbiter MPS and the SRB nozzles were on each of two independent air supply systems which allow for separate throttling of each nozzle system.

The blowing nozzles were test flowed in calibration programs at the Rocketdyne Rocket Nozzle Test Facility to determine that a satisfactory quiescent plume shape was produced, and to calibrate initial turning angle versus chamber pressure. These calibrations were performed with an appropriate simulated air supply system, MPS or SRB, to most accurately reproduce the quiescent plume shape that could be expected with the nozzle mounted on the model, and consequently most accurately predict the Newtonian plume to be obtained at tunnel freestream conditions.

The initial turning angle is defined in Figure 2m. Results of the nozzle calibrations are tabulated in Table IV.

The plume shapes for various Mach numbers were obtained by using one nozzle contour and setting specific values of P_{co}/P_{∞} or P_{ei}/P_{∞} for each different Mach number. The nominal settings are presented in Tables IV and V for the Orbiter and SRB nozzles.

The theoretical flow rates for MPS and SRB nozzle can be obtained by the following equations:

Assume: $T_T = 560°R$ (100°F)

$A_{T_{MPS}} = .04285 \text{ in}^2$

$A_{T_{SRB}} = .32715 \text{ in}^2$

$\dot{w}_{MPS} = .00098 P_{co}$ lb/sec per MPS nozzle

$\dot{w}_{SRB} = .0074 P_{cs}$ lb/sec per SRB nozzle

The following nomenclature was used to designate Orbiter components (O_1):

Nomenclature	Orbiter Component
B_{62}	Body
C_{12}	Canopy
E_{52}	Elevon
F_{10}	Body flap
M_{16}	OMS pod
R_5	Rudder
N_{87}	MPS nozzles
N_{89}	OMS nozzle
V_8	Vertical tail
W_{127}	Wing

The nomenclature for the external oxygen hydrogen tank (T_{28}) was:

Nomenclature	Tank Component
FR_{10}	Aft attach cross beam

CONFIGURATIONS INVESTIGATED (Continued)

Nomenclature	Tank Component
T_{28}	External tank
AT_{28}	Attach structure
AT_{31}	Attach structure
AT_{32}	Attach structure
PT_{12}	ET protuberances
PT_{22}	ET protuberances
PT_{23}	ET protuberances
PT_{24}	ET protuberances
PT_{25}	ET protuberances
PT_{26}	ET protuberances
PT_{27}	ET protuberances
FL_{10}	Feedline
FL_{11}	Feedline

The nomenclature for the Solid Rocket Booster (S_{22}) was:

Nomenclature	SRB Component
S_{22}	Solid rocket booster
N_{88}	SRB nozzle
PS_{20}	SRB protuberances
PS_{21}	SRB protuberances
PS_{22}	SRB protuberances
PS_{14}	SRB protuberances
PS_{13}	SRB protuberances

CONFIGURATIONS INVESTIGATED (Concluded)

PS_{15}	SRB protuberances
PS_{16}	SRB protuberances
PT_{28}	Drag ring on tank base

The entire mated vehicle first stage was O_1 T_{28} S_{22}, and the second stage was O_1 T_{28}.

A drag reduction ring on the tank base was fitted for some runs (data sets 91 through 99). It is referred to in the nomenclature as PT_{28}, run schedule as drag ring, and is illustrated in Figure 2n. No nomenclature symbol has been assigned it.

Dimensional data are presented in Table III.

MODEL INSTRUMENTATION

Two three-pack scanivalves mounted at the base of the blade were used to accrue data from 82 surface pressure taps, distributed as follows:

Location	Number of Taps
Orbiter base	13
OMS pod base	4
Vertical	1
Body flap	5
Side of Orbiter	20
External tank	31
SRB bases	8

These pressure taps were hardlined to the connection at the scanivalve. The basic array of the pressure taps is shown in Figures 2f through i.

The numbering scheme is 100 series taps on the Orbiter, 200 series on the External Tank and 300 series on the SRB's.

Total and static pressure taps were added on the base of the model to measure local conditions upstream of the base. These are shown in Figures 2j through l. The distribution of pressure taps to the scanivalves was as listed below:

Location	Number of Taps
Orbiter base, static	9
OMS pod base, static	4
Vertical, static	1

Body flap static	5
LH side of Orbiter, static	10
Orbiter aft corner, static	5
Orbiter aft corner, totals	5
Body flap, totals	2
External tank, static	33
External tank, totals	4
RH SRB bases, static	4
LH SRB skirt, static	6
LH SRB skirt, totals	6

The numbering scheme for the Mach rakes follows the guidelines for other taps with the middle character denoting a pitot (P) or static (S) measurement, viz., 1P2 is an Orbiter pitot tap. Following determination of local Mach, the model was replumbed to the original pressure tap array.

The right hand wing was made with the panel integral with a three component strain gauged beam to allow root bending moment, root torsion moment and panel normal force to be measured. The .015 inch gap to the Orbiter fuselage was not sealed.

The left hand wing panel was rigidly attached to the fuselage of the Orbiter, but was provided with plain bearing hinged deflectable elevon with the inner and outer panels supported in torsion by individual strain gauged beams to allow elevon hinge moments to be obtained. The elevon was made with a cylindrical section lower gap and a conical section upper

gap with centerlines on the elevon hingeline so that the elevon gap will remain constant with deflection. No attempt was made to simulate the elevon flapper doors.

To provide similar model aeroelastic characteristics on both wings, the elevon arrangement on the right hand wing was identical to the left hand, but the beams were not gauged.

TEST FACILITY DESCRIPTION

IA82B was conducted in the Ames Research Center 9 x 7-foot Unitary Wind Tunnel. This tunnel is a variable density, supersonic, continuous flow type with an adjustable nozzle to permit supersonic testing over a Mach number range continuously variable from 1.5 to 2.5. The nozzle is of the asymmetric, sliding-block type in which the variation of the test section Mach number is achieved by translating, in the streamwise direction, the fixed-contour block that forms the floor of the nozzle.

Models are supported by means of stings attached to the wall-to-wall strut/BOR system of the 9 x 7-foot tunnel.

Schlieren and shadowgraph equipment is available, as well as additional force, moment, and stress monitoring instrumentation for specific models.

DATA REDUCTION

Local Mach numbers were calculated from pressure rake data utilizing a numerical solution of NACA TN-1135 equations. The measured pressures at each station (see Figures 2j through l for station definitions) were P_L and P_{T_i}. If the local Mach number was subsonic ($P_L/P_T \geq 0.5283$), then

$$M_L = \sqrt{5.0 \times \left[\left(\frac{P_T}{P_L}\right)^{2/7} - 1\right]}$$

If the local Mach number was supersonic ($P_L/P_T < 0.5283$), then:

$$\frac{P_T}{P_L} = (1.2\ M_L^2)^{3.5} \left[\frac{6.0}{7.0M_L^2 - 1.0}\right]^{2.5}$$

A tentative solution of the latter equation was used. Cases where $P_L/P_T > 1.0$ were assumed to be invalid points for calculation purposes.

The blowing systems were monitored at two nominal stations, upstream of the nozzle (chamber pressure) and at the nozzle exits. The ratios of chamber pressure to freestream static were computed:

$$\frac{P_{co}}{P_\infty} = \frac{PCORB}{PO} = MPSCPR$$

$$\frac{P_{cs}}{P_\infty} = \frac{PCSRM}{PO} = SRBCPR$$

$$\frac{P_{ei}}{P_\infty} = \frac{PEi}{PO} = RPEi$$

The plume air total temperatures, TTORB and TTSRM were also recorded.

Pressure coefficients were computed as follows:

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$$\frac{P_i - P_\infty}{q} = C_{P_i}$$

where:

P_i = individual measured pressure.

For the base pressures,

i = 101 - 114 (omit 106)
= 121 - 124
= 131
= 141 - 145
= 201 - 231
= 301 - 304
= 311 - 314 (62 pressures)

and for the vent location pressures,

i = 151 - 170 (20 pressures)

The inboard elevon panel and outboard elevon panel hinge moment coefficients were computed:

$$CHEI = \frac{HEI}{S_e \bar{c}_e}$$

$$CHEO = \frac{HEO}{S_e \bar{c}_e}$$

Right hand wing computations were:

$$CNW = \frac{NW}{qS_w}$$

$$CBMW = \frac{BW}{qS_w \bar{b}}$$

$$CTMW = \frac{TW}{qS_w \bar{c}}$$

DATA REDUCTION (Concluded)

The following reference dimensions were used:

Symbol	Model Scale Value	Full Scale Value
b	9.3668 in	936.68 in
c_e	0.907 in	90.70 in
$\bar{c}$	4.748 in	474.80 in
S_e	0.0210 ft^2	210.00 ft^2
S_w	0.2690 ft^2	2690.00 ft^2
b_{REF}	12.903 in	1290.3 in
ℓ_{REF}	12.903 in	1290.3 in

Note: Coefficient equations on previous page do not use the plot reference block LREF (ℓ_{REF}) and BREF (b_{REF}) values.

All the pressure plotted data figures for IA82C (DMS-DR-2219) are presented in this report. For Figures 61 through 116 and 120 through 122, test IA82B and IA82C were combined (Mach number ranges of 1.55 to 2.20 and 2.60 to 3.50, respectively) and plotted versus Mach number. Test IA82C plotted pressure data is also presented in Figures 117 and 118 versus Mach number.

TABLE I.

TEST : IA82B

DATE : Jan. 1975

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per ft x 10^6)	DYNAMIC PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)
1.55	4.0	6.42	120° max
2.0	3.5	5.40	120° max
2.2	3.3	4.78	120° max

BALANCE UTILIZED: NONE

	CAPACITY:	ACCURACY:	COEFFICIENT TOLERANCE:
NF			
SF			
AF			
PM			
RM			
YM			

COMMENTS:

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TABLE II.

TEST : 97-044-1, IA82B — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE : DOST TEST

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES SRB	PARAMETERS/VALUES MPS	PARAMETERS/VALUES δ_{EI}	PARAMETERS/VALUES δ_{EO}	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) MACH	PT	α=-4	α=0	α=4	TEST RUN NUMBERS
REG001	0, T_{28} S_{22} + RAKES		B	OFF	OFF	0	0		1.55	30.7	1	2	3	
02				<N	N						13	14	15	
03				N	N						4	5	6	
04				>N	N						7	8	9	
05				>>N	N						10	11	12	
06				0	VARY	N						70		
07				3	N	<N					66	67	68	
08					N	>N					16	17	18	
09				0	N	VARY						69		
10				B	OFF	OFF			2.0		19	20	21	
11					<N	N					55	56	57	
12					N	N					46	47	48	
13					>N	N					49	50	51	
14					>>N	N					52	53	54	
15				0	VARY	N						65		
16				B	N	<N					61	62	63	
17					N	>N					58	59	60	
18				0	N	VARY						64		

SEE SUPPLEMENTARY SCHEDULE C1 [illegible]

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES

COEFFICENTS

B) $\beta = 0$ @ $\alpha = \pm 4$; $\beta = -4, 0, 4$ @ $\alpha = 0$ DEG.

C) $\beta = 0$ @ $\alpha = \pm 4°$, $\alpha = -4, -2, 0, 2, 4$ @ $\alpha = 0$

IDVAR (1) IDVAR (2) NDV

TABLE II. - Continued.

TEST : 97-0404, IA829 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE : POST TEST

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	CONTROL DEFLECTION SRB	CONTROL DEFLECTION MPS	δ_{E1}	δ_{E0}	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) HIGH	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) PT		α=-4	α=0	α=4	TEST RUN NUMBERS
REG019	$D_1 T_{28} S_{22}$ + RAKES		B	OFF	OFF	0	0		2.2	30.7		22	23	24	
20				<N	N							34	35	36	
21				N	N							25	26	27	
22				>N	N							28	29	30	
23				>>N	N							31	32	33	
24			O	VARY	N								45		
25			B	N	<N							40	41	42	
26				N	>N							37	38	39	
27			O	N	VARY								43		
28	$D_1 T_{28} S_{22}$		C	OFF	OFF				1.55			113	114	115	
29			B	<N	N							119	120	121	
30			C	N	N							116	117	118	
31			B	>N	N							122	123	★124	
32				>>N	N							125	126	127	
33				N	<N							128	129	130	
34				N	>N							131	132	133	
35			C	OFF	OFF				2.0			92	93	94	
36			B	<N	N							98	99	100	

1 7 13 19 | 25 31 37 43 49 55 61 67 75 75

COEFFICENTS — IDVAR (1) IDVAR (2) NDV

α OR β SCHEDULES

★ Check: α=-4 repeat

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TABLE II. - Continued.

TEST: 77-044-1, IA82B — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: POST TEST

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	SRB	MPS	δ_{EI}	δ_{EO}	NO. OF RUNS	MACH	PT		$\alpha=-4$	$\alpha=0$	$\alpha=4$	TEST RUN NUMBERS
PE6037	O. T$_{2S}$ S$_{-2}$		C	N	N	0	0		2.0	30.7		95	96	97	
38			B	>N	N							101	102	103	
39				>>N	N							104	105	106	
40				N	<N							107	108	109	
41				N	>N							110	111	112	
42			C	OFF	OFF				2.2			71	72	73	
43			B	<N	N							74	75	76	
44			C	N	N							77	78	79	
45			B	>N	N							80	81	82	
46				>>N	N							83	84	85	
47				N	<N							86	87	88	
48				N	>N							89	90	91	
49				OFF	OFF				1.55			134	135	136	
50				N	N							137	138	139	
51				OFF	OFF				2.0			143	144	145	
52				N	N							140	141	142	
53				OFF	OFF				2.2			146	147	148	
54				N	N							149	150	151	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICENTS — IDVAR (1) — IDVAR (2) — NDV

α OR β SCHEDULES

DMS 002

TABLE II. - Continued.

TEST : 37-OH-1, IA823 | DATA SET/RUN NUMBER COLLATION SUMMARY | DATE : POST TEST

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES SPS	PARAMETERS/VALUES MPS	PARAMETERS/VALUES δES	PARAMETERS/VALUES δEO	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) MACH	PT		K=-4	K=0	K=4	TEST RUN NUMBERS
REG055	0, T_{22} S_{22}		B	OFF	OFF	4	-4		1.55	30.7		154	153	152	
56				N	N							155	156	157	
57				OFF	OFF				2.0			158	159	160	
58				N	N							161	162	163	
59				OFF	OFF				2.2			164	165	166	
60			V	N	N							167	168	169	
61			C	OFF	OFF	8			1.55			170	171	172	
62				N	N							173	174	175	
63				OFF	OFF				2.0			176	177	178	
64				N	N							179	180	181	
65				OFF	OFF				2.2			182	183	184	
66				N	N							185	186	187	
67			B	OFF	OFF	10			1.55			188	189	190	
68				N	N							191	192	193	
69				OFF	OFF				2.0			194	195	196	
70				N	N							197	198	199	
71				OFF	OFF				2.2			203	204	205	
72				N	N							200	201	202	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICENTS | IDVAR (1) | IDVAR (2) | NDV

α OR β SCHEDULES

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TABLE II. - Continued.

TEST: 97-044-1, IA82B — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: POST TEST

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES SRB	MPS	δ_{EI}	δ_{EO}	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) MACH	PT		α=-4	α=0	α=4	TEST RUN NUMBERS
RE6073	0, Tz8 Sz2		B	OFF	OFF	10	0		1.55	30.7		206	207	208	
74				N	N							209	210	211	
75				OFF	OFF				2.0			212	213	214	
76				N	N							215	216	217	
77				OFF	OFF				2.2			218	219	220	
78				N	N							221	222	223	
79				OFF	OFF	8			1.55			224	225	226	
80				N	N							227	228	229	
81				OFF	OFF				2.0			230	231	232	
82				N	N							233	234	235	
83				OFF	OFF				2.2			236	237	238	
84				N	N							239	240	241	
85	#1 MPS OUT			N	N	0			1.55			248	249	250	
86				N	N				2.0			242	243	244	
87				N	N				2.2			245	246	247	
88	#2 MPS OUT			N	N				1.55			251	252	253	
89				N	N				2.0			254	255	256	
90				N	N				2.2			257	258	259	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICENTS — IDVAR (1) — IDVAR (2) — NDV

α OR β SCHEDULES

BMS 0U2

TABLE II. - Concluded.

TEST: 97-044-1, IA82B — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: POST TEST

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES SRB	PARAMETERS/VALUES APS	PARAMETERS/VALUES δ_{EI}	PARAMETERS/VALUES δ_{EO}	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) MACH	PT	K=-4	K=0	K=4	TEST RUN NUMBERS
RE6091	$O_1 T_{28} S_{32}$ + DRAG RING		B	OFF	OFF	0	0		1.55	30.7	278	279	280	
92				N	N						281	282	283	
93				>>N	N						284	285	286	
94				OFF	OFF				2.0		269	270	271	
95				N	N						272	273	274	
96				>>N	N						275	276	277	
97				OFF	OFF				2.2		260	261	262	
98				N	N						263	264	265	
99				>>N	N						266	267	268	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICENTS

α OR β SCHEDULES

IDVAR (1) IDVAR (2) NDV

TABLE III

MODEL DIMENSIONAL DATA

MODEL COMPONENT : BODY - B_{62}

GENERAL DESCRIPTION : Configuration 140 C orbiter fuselage, MCR 200-R_4. Similar to 140 A/B fuselage except aft body revised and improved midbody-wing-bout fairing. X_o = 940 to X_o = 1040.

MODEL SCALE: 0.010

DRAWING NUMBER : VL70-000140C, -000202C, -000205A, -000200B, -000203A.

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (IML: Fwd Sta. X_o=238), In.	1290.3	12.903
Length (OML: Fwd Sta X_o=235), In.	1293.3	12.933
Max Width(@ X_o = 1528.3), In.	264.0	2.640
Max Depth (@ X_o = 1464), In.	250.0	2.500
Fineness Ratio	4.899	4.899
Area - Ft^2		
Max. Cross-Sectional	340.885	.03409
Planform		
Wetted		
Base		

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT : CANOPY - C_{12}

GENERAL DESCRIPTION : Configuration140 C - orbiter canopy, vehicle cabin No. 31 updated to MCR 200-R_4. Used with fuselage B_{62}.

MODEL SCALE: 0.010

DRAWING NUMBER VL70-000140C, -000202B, -000204

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (X_o= 434.643-578), in.	143.357	1.434
Max Width (@ X_o = 513.127), In.	152.412	1.524
Max Depth (Z_o=501 to 449.39), In.	51.61	0.516
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III (Cont'd)

MODEL COMPONENT: ELEVON - E_{52}

GENERAL DESCRIPTION: Elevon for configuration 140C. Hingeline at X_o = 1387, elevon snlit line X_w = 312.5. 6.0" gans, beveled edges, and centerbodies.

MODEL SCALE: 0.010

DRAWING NUMBER: VL70-000140C, -006089, -006092, SS-A01260

DIMENSIONS: (Data for One Side)	FULL-SCALE	MODEL SCALE
Area - Ft^2	210.0	0.021
Span (equivalent), In.	349.2	3.492
Inb'd equivalent chord, In.	118.0	1.180
Outb'd equivalent chord, In.	55.19	0.552
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.2096	0.2096
At Outb'd equiv. chord	0.4004	0.4004
Sweep Back Angles, degrees		
Leading Edge	0.0	0.0
Tailing Edge	- 10.056	-10.056
Hingeline	0.00	0.0
Area Moment (Product of Area & $\bar{c}$) Normal to hingeline), Ft^3	1587.25	0.0016
Mean Aerodynamic Chord, In.	90.7	0.907
Hingeline dihedral (origin at Z_O = 261.3509), deg.	5.229	5.229

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT : BODY FLAP - F_{10}

GENERAL DESCRIPTION : Configuration 140C body flap. Hingeline located at X_o = 1532, Z_o = 238.

MODEL SCALE: 0.010

DRAWING NUMBER : VL70-000140C, VL70-35:114

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (X_o=1525.5 to X_o=1613), In.	87.50	0.875
Max Width (@ L.E., X_o = 1525.5), In.	256.00	2.560
Max Depth (X_o = 1532), In.	19.798	0.198
Fineness Ratio		
Area - Ft^2		
Max. Cross-Sectional (@H.L.)	35.196	.00352
Planform	135.00	.01350
Wetted		
Base (X_o = 1613)	4.89	.0005

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TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT : OMS POD - M_{16}

GENERAL DESCRIPTION : Configuration 140C Orbiter OMS pod - short pod.

MODEL SCALE: 0.010

DRAWING NUMBER : VL70-008401, VL70-008410

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (OMS Fwd Sta X_o=1310.5), In.	258.50	2.585
Max Width (@ X_o = 1511), In.	136.8	1.368
Max Depth (@ X_o = 1511), In.	74.70	0.747
Fineness Ratio	2.484	2.484
Area - Ft^2		
Max. Cross-Sectional	58.864	0.00589
Planform		
Wetted		
Base		

TABLE III (CONT'D)

MODEL COMPONENT: RUDDER - R_5

GENERAL DESCRIPTION: Configuration 140C orbiter rudder (identical to configuration 140/B rudder).

MODEL SCALE: 0.010

DRAWING NUMBER: VL70-000146B, -000095

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area - Ft^2	100.15	0.01002
Span (equivalent), In.	201.00	2.010
Inb'd equivalent chord, In.	91.585	0.916
Outb'd equivalent chord, In.	50.833	0.508
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.83	34.83
Trailing Edge	26.25	26.25
Hingeline	34.83	34.83
Area Moment (Product of Area and $\bar{c}$), Ft^3	610.92	0.000610
Mean Aerodynamic Chord	73.2	0.732

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: MPS NOZZLES - N_{87}

GENERAL DESCRIPTION: Flow-through MPS nozzles.

MODEL SCALE: 0.010

DRAWING NUMBER: SS-CD1270

DIMENSIONS:	FULL SCALE	MODEL SCALE
MACH NO. 1.55, 2.0, 2.2		
Length - In.		
Gimbal Point to Exit Plane	157.0	1.570
Throat to Exit Plane	181.55	1.816
Diameter - In.		
Exit	90.435	0.9044
Throat	23.3502	0.2335
Inlet		
Area - ft^2		
Exit	44.607	0.00446
Throat	2.974	0.000297
Gimbal Point (Station) - In.		
Upper Nozzle		
X_o	1445.00	14.450
Y_o	0.0	0.0
Z_o	443.00	4.430
Lower Nozzles		
X_o	1468.17	14.682
Y_o	± 53.0	± 0.530
Z_o	342.64	3.426
Null Position - Deg.		
Upper Nozzle		
Pitch	11°	16°
Yaw	0°	0°
Lower Nozzle		
Pitch	10°	10°
Yaw	0°	0°

TABLE III (CONT'D)

MODEL COMPONENT: NOZZLES - N_{89}

GENERAL DESCRIPTION: OMS nozzle in stowed position which is outboard 8 deg and down 7deg from null position. Use with M_{16}.

MODEL SCALE = 0.010

DRAWING NO. SS-A01279

DIMENSIONS	FULL SCALE	MODEL SCALE
Mach No. 1.55, 2.0, 2.2		
Length ~ in.		
Gimbal Point to Exit Plane	56.0	0.560
Throat to Exit Plane		
Diameter ~ in.		
Exit (O.D.)	50.0	0.50
Throat		
Inlet		
Area ~ ft^2.		
Exit		
Throat		
Gimbal Point (station) ~ in.		
X_o	1518.00	15.180
Y_o	88.00	0.880
Z_o	492.0	4.920
Null Position ~ deg.		
Pitch	15°49'	15°49'
Yaw	6°30'	6°30'

*REVISED 4/24/74

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: VERTICAL - V_8

GENERAL DESCRIPTION: Configuration 140C, orbiter vertical tail (identical to configuration 140A/B vertical tail).

MODEL SCALE: 0.010

DRAWING NUMBER: VL70-000140C, -000146B

DIMENSIONS:	FULL SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo) - Ft^2		
Planform	413.253	0.0413
Span (Theo) - In.	315.720	3.157
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.404	0.404
Sweep-Back Angles, Degrees.		
Leading Edge	45.000	45.000
* Trailing Edge	26.2	26.2
0.25 Element Line	41.130	41.130
Chords:		
Root (Theo) WP	268.500	2.685
Tip (Theo) WP	108.470	1.085
MAC	199.808	1.998
Fus. Sta. of .25 MAC	1463.50	14.635
W.P. of .25 MAC	635.522	6.355
B.L. of .25 MAC	0.000	0.000
Airfoil Section		
Leading Wedge Angle - Deg.	10.000	10.000
Trailing Wedge Angle - Deg.	14.020	14.020
Leading Edge Radius	2.00	0.02
Void Area	13.17	0.00131
Blanketed Area	0.00	0.000

TABLE III (CONT'D)

MODEL COMPONENT: WING-W 127

GENERAL DESCRIPTION: Configuration 140C - orbiter wing, MCR 200-B1, similar to 140A/B wing W 126 but with refinements: improved wing-boat-midbody fairing (X_o = 940 to X_o = 1040); elevon split line relocated from Y_o=281 to Y_o=312.5.

MODEL SCALE: 0.010

TEST NO.

DWG. NO. VL70-000140C, -000200B

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo.) Ft^2		
Planform	2690.00	0.2690
Span (Theo In.	936.68	9.3668
Aspect Ratio	2.265	2.265
Rate of Taper	1.177	1.177
Taper Ratio	0.200	0.200
Dihedral Angle, degrees	3.500	3.500
Incidence Angle, degrees	0.500	0.500
Aerodynamic Twist, degrees	3.000	3.000
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	-10.056	-10.056
0.25 Element Line	35.209	35.209
Chords:		
Root (Theo) B.P.0.0.	689.24	6.892
Tip, (Theo) B.P.	137.85	1.379
MAC	474.81	4.748
Fus. Sta. of .25 MAC	1136.83	11.368
W.P. of .25 MAC	290.56	2.906
B.L. of .25 MAC	182.13	1.821
EXPOSED DATA		
Area (Theo) Ft^2	1751.50	0.1752
Span, (Theo) In. BP108	720.68	7.207
Aspect Ratio	2.059	2.059
Taper Ratio	0.245	0.245
Chords		
Root BP108	562.09	5.621
Tip 1.00 $\frac{b}{2}$	137.85	1.379
MAC	392.83	3.928
Fus. Sta. of .25 MAC	1185.08	11.860
W.P. of .25 MAC	294.30	2.943
B.L. of .25 MAC	251.77	2.518
Airfoil Section (Rockwell Mod NASA) XXXX-64		
Root $\frac{b}{2}$ =	0.113	0.113
Tip $\frac{b}{2}$ =	0.12	0.12
Data for (1) of (2) Sides		
Leading Edge Cuff Planform Area Ft^2	113.18	0.01132
Leading Edge Intersects Fus M. L. @ Sta	500.00	5.000
Leading Edge Intersects Wing @ Sta	1024.00	10.240

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: FAIRING - FR_{10}

GENERAL DESCRIPTION: Umbilical door fairing between aft ET/orbiter attach structure.

MODEL SCALE: 0.010

DRAWING NO.: VL78-000063, -000062B, Martin Marietta 82600207000

DIMENSIONS:

		FULL SCALE	MODEL SCALE
Leading edge at	X_T	2052.0	20.520
Length		193.00	1.930
Width		15.00	0.150

TABLE III (CONT'D)
MODEL DIMENSIONAL DATA

MODEL COMPONENT : EXTERNAL TANK - T_{28}

GENERAL DESCRIPTION : Same as T_{20} except larger.

MODEL SCALE: 0.010

DRAWING NUMBER : VL72-000143D, VL78-000063
(Dimensions are to tank structural OML, TPS not included)

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length , In.	1844.275	18.443
Max Width , Diameter, In.	331.00	3.310
Max Depth		
Fineness Ratio	5.687	5.687
Area - Ft^2		
Max. Cross-Sectional	597.58	0.0598
Planform		
Wetted		
Base		

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TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: ATTACH STRUCTURE - AT_{28}

GENERAL DESCRIPTION: Rear orbiter to ET attach structure (LH and RH) (2 members).

MODEL SCALE: 0.010

DRAWING NO.: VL78-000063, VL78-000062B

DIMENSIONS:	MEMBER		FULL SCALE	MODEL SCALE
	#1	X_o	1317.00	13.170
		Y_o	- 96.50 (LH)	- 0.965
			96.50 (RH)	0.965
		Z_o	267.50	2.675
		X_T	2058.00	20.580
		Y_T	- 125.68 (LH)	-1.257
			125.68 (RH)	1.257
		Z_T	515.5	5.155
	#2	X_o	1317.00	13.170
		Y_o	- 96.50 (LH)	- 0.965
			96.50 (RH)	0.965
		Z_o	267.50	2.675
		X_T	1872.00	18.720
		Y_T	- 125.68 (LH)	- 1.257
			125.68 (RH)	1.257
		Z_T	504.5	5.045
Diameter, In.	#1		11.5	0.115
	#2		15.5	0.155

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: ATTACH STRUCTURE - AT_{31}

GENERAL DESCRIPTION: Rear ET to SRB attach structure (LH and RH), 3 members

MODEL SCALE: 0.010 MODEL DRAWING: _____

DRAWING NO.: VL78-000063, -000062B, -000066

DIMENSIONS: MEMBER		FULL SCALE	MODEL SCALE
#1	X_T	2058.00	20.580
	Y_T	- 171.50 (LH)	- 1.715
		171.50 (RH)	1.715
	Z_T	457.00	4.570
	X_S	1511.00	15.110
	Y_S	53.24	0.5324
	Z_S	57.00	0.570
#2	X_T	2058.00	20.580
	Y_T	- 163.85	- 1.639
	Z_T	449.81	4.498
	X_S	1511.00	15.110
	Y_S	76.56	0.766
	Z_S	15.73	0.157
#3	X_T	2058.00	20.580
	Y_T	- 161.72	- 1.617
	Z_T	343.00	3.430
	X_S	1511.00	15.110
	Y_S	53.24	0.532
	Z_S	- 57.00	- 0.570

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: ATTACH STRUCTURE - AT_{32}

GENERAL DESCRIPTION: Forward orbiter/ET attach structure (2 member structure)

MODEL SCALE: 0.010 MODEL DRAWING NO.: _____

DRAWING NO.: VL78-000052B, Martin Marietta 8260020914

DIMENSIONS:

		FULL SCALE	MODEL SCALE
Member #1:	X_o	388.15	3.882
	Y_o	0.0	0.0
	Z_o	LWR LML	LWR LML
	X_T	1129.9	11.299
	Y_T	46.50	4.650
	Z_T	562.58	5.626
Member #2:	X_T	388.15	3.882
	Y_T	0	0
	Z_T	LWR LML	LWR LML
	X_o	1129.9	11.299
	Y_o	- 46.50	- 0.465
	Z_o	562.58	5.626
Attach structure dia., in.		6.0	0.060

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: ET PROTUBERANCE - PT_{12}

GENERAL DESCRIPTION: Lightning rod attached to ET nose.

MODEL SCALE: 0.010

DRAWING NO.: VL78-000068B

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length - In.	30.90	0.309
Diameter - In.	3.20	0.032

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: ELECTRICAL LINE - PT_{22}

GENERAL DESCRIPTION: Left-hand electrical conduit line on T_{28}.

MODEL SCALE: 0.010

DRAWING NO.: VL78-000063, VL78-000062E

DIMENSIONS:

		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	1084.333	10.843
	Y_T	- 99.591	- 0.996
	Z_T	- 139.620	- 1.396
Trailing edge at:	X_T	2058.00	20.580
	Y_T	- 99.591	- 0.996
	Z_T	- 139.620	- 1.396
Conduit size:		2.0 x 6.0	0.02 x 0.06

Centerline of line located radially at $\phi = 35.5^{\circ}$

TABLE III (CONT'D)
MODEL DIMENSIONAL DATA

MODEL COMPONENT: LO_2 RECIRCULATION LINE - PT_{23}

GENERAL DESCRIPTION: LO_2 recirculation line on right-hand upper side of T_{28}.

MODEL SCALE: 0.010

DRAWING NO.: VL78-000063, VL78-000062B, Martin Marietta 82600207000

DIMENSIONS:

		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	1040.667	10.407
	Y_T	94.169	0.942
	Z_T	540.934	5.409
Trailing edge at:	X_T	2062.920	20.629
	Y_T	70.000	0.700
	Z_T	573.934	5.739
Diameter of line		4.0	0.040

Centerline of lines located radially at $\phi = 33^{o}45'$ (Right of TDC looking forward).

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: LH_2 RECIRCULATION LINE - PT_{24}

GENERAL DESCRIPTION: LH_2 recirculation line on T_{28}.

MODEL SCALE: 0.010

DRAWING NO.: VL78-000063, VL78-000062B, Martin Marietta 82600207000

DIMENSIONS:		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	1040.667	10.407
	Y_T	- 94.169	- 0.942
	Z_T	540.934	5.409
Trailing edge at:	X_T	2062.920	20.629
	Y_T	- 70.00	- 0.700
	Z_T	573.934	5.739
Diameter of line		4.00	0.040

Centerline of line located radially at $\phi = 33^{o}45'$

(Left of TDL looking forward)

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: ELECTRICAL LINE - PT_{25}

GENERAL DESCRIPTION: Right-hand aft electrical conduit line on T_{28} with LH_2 pressure sensor line and LO_2 vent valve actuator line.

MODEL SCALE: 0.010

DRAWINGS NO.: VL78-000063, VL78-000062B, Martin Marietta 82600207000

DIMENSIONS:

		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	1084.333	10.843
	Y_T	99.591	0.996
	Z_T	139.620	1.396
Trailing edge at:	X_T	2058.00	20.580
	Y_T	99.591	0.996
	Z_T	139.620	1.396
Conduit size		2.0 x 6.0	0.020 x 0.06

Centerline of line located radially at $\phi = 35.5^{\circ}$

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: LO_2 PRESSURE LINE - PT_{26}

GENERAL DESCRIPTION: LO_2 pressure line on the T_{28}.

MODEL SCALE: 0.010

DRAWING NO.: VL78-000063, VL78-000062B, Martin Marietta 8260007000

DIMENSIONS:		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	360.733	3.607
	Y_T	15.145	0.151
	Z_T	407.718	4.077
Trailing edge at:	X_T	2083.5	20.835
	Y_T	63.25	0.633
	Z_T	609.00	6.090
Centerline of line located radially at ϕ = 27°			
Line diameter		2.0	0.020

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: ELECTRICAL LINE - PT_{27}

GENERAL DESCRIPTION: Electrical conduit on the right-hand forward section of T_{28}.

MODEL SCALE: 0.010

DRAWING NO.: VL78-000062B

DIMENSIONS:

		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	360.733	3.607
	Y_T	11.549	0.115
	Z_T	412.474	4.125
Trailing edge at:	X_T	876.273	8.763
	Y_T	226.114	2.261
	Z_T	646.774	6.468

Centerline of conduit located radially at $\phi = 47.5^{\circ}$

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: FEEDLINE - FL_{10}

GENERAL DESCRIPTION: LH_2 feedline on upper left-hand side of T_{28}.

MODEL SCALE: 0.010

DRAWING NO.: VL78-000063, VL78-000062B

DIMENSIONS:		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	2071.5	20.715
	Y_T	- 70.0	- 0.700
	Z_T	573.934	5.739
Trailing edge at:	X_T	2081.8	20.818
	Y_T	- 70.0	-0.700
	Z_T	584.059	5.841
Diameter of line (17.0 I.D.)		18.160	0.182

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: FEEDLINE: - FL_{11}

GENERAL DESCRIPTION: LO_2 feedline on upper right-hand of T_{28}.

MODEL SCALE: 0.010

DRAWING NO.: VL78-000063, VL78-000062B

DIMENSIONS:

		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	1000.667	10.007
	Y_T	70.00	0.700
	Z_T	150.519	1.505
Trailing edge at:	X_T	2071.5	20.715
	Y_T	70.00	0.700
	Z_T	573.934	5.739
Diameter of line (17.0 I.D.)		18.16 O.D.	0.182

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT : BOOSTER SOLID ROCKET MOTOR - S_{22}

GENERAL DESCRIPTION : The BSRM is an external propulsion system which is jettisoned and recoverable after burnout. The BSRM's can be refurbished and reused after recovery.

MODEL SCALE: 0.010

DRAWING NUMBER : VC77-000002, VC70-000002

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length, In.	1789.60	17.896
Max Width , Tank Dia., In.	146.00	1.460
Max Depth, Aft shroud dia., In.	208.20	2.082
Fineness Ratio	8.596	8.596
Area - Ft^2		
Max. Cross-Sectional	236.423	0.0236
Planform		
Wetted		
Base		
WP of BSRM centerline (Z_T)	400.00	4.00
FS of BSRM nose (X_T)	743.0	7.430
BP of BSRM centerline (Y_T)	250.5	2.505

TABLE III (CONT'D)

MODEL COMPONENT: SRB NOZZLES - N88

GENERAL DESCRIPTION: Flow-through SRB nozzle simulator ϵ = 7.0 prototype.

MODEL SCALE = 0.010

DRAWING NO. SS-A01281

MACH NO.: 1.55, 2.0, 2.2

DIMENSIONS	FULL SCALE	MODEL SCALE
Mach No. 1.55, 2.0, 2.2		
Length ~ in.		
Gimbal Point to Exit Plane	86.8	0.868
Throat to Exit Plane	112.135	1.121
Diameter ~ in.		
Exit	144.290	1.443
Throat	64.53.	0.645
Inlet		
Area ~ ft^2.		
Exit	356.738	0.03567
Throat	22.712	0.00227
Gimbal Point (station) ~ in.		
X_B	1902.6	19.026
Y_B	± 250.5	± 2.505
Z_B		
Null Position ~ deg.		
Pitch	0	0
Yaw	0	0

TABLE III (CONT'D)
MODEL DIMENSIONAL DATA

MODEL COMPONENT : SRB PROTUBERANCES - PS_{20}

GENERAL DESCRIPTION : Electrical tunnel on SRB side, 30 deg taper leading edge, circular cross-section with mounting flange. Tunnel discontinued from X_B = 1504.25 to 1517.75.

MODEL SCALE: 0.010 MODEL DRAWING: SS-A01281

DRAWING NUMBER : VC77-000002A

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length , In.	1384.57	13.846
Max Width	13.00	0.130
Max Depth	3.72	0.037
Radius	6.19	0.0619
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		
Taper at leading edge	30 deg.	30 deg.

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: CIRCUMFERENTIAL STIFFENER - PS_{21}

GENERAL DESCRIPTION: Four-ring stiffeners located at aft end of the solid rocket boosters. The stiffener is a curved I-beam.

MODEL SCALE: 0.010

DRAWING NO.: VC77-000002

DIMENSIONS:	FULL SCALE	MODEL SCALE
Height	4.7	0.047
Length, In.	4.0	0.040
Locations:	1602.0	
	1694.4	
	1729.0	
	1771.4	

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: SRB PROTUBERANCE - PS_{22}

GENERAL DESCRIPTION: Tie-down fixture on aft skirt. Total of four mounted @ 30 deg to the vertical SRM centerline.

MODEL SCALE: 0.010

DRAWING NO.: VC77-000002

DIMENSIONS:	FULL SCALE	MODEL SCALE
Leading edge @ X_B =	1855.2	18.552
Trailing edge @ X_B =	1925.2	19.252
Width, maximum , In.	14.5	0.145
Height, maximum	9.0	0.090
Plan taper	12°	12°
OAC	70.0	0.700

Tapers from zero height at 1855.2 to 9" @ 1925.2

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: SOLID ROCKET BOOSTER - EXTERNAL TANK ATTACH - PS_{14}

GENERAL DESCRIPTION: Two ring stiffeners located at aft end of solid rocket boosters. The stiffener is curved L-beam.

MODEL SCALE: 0.010

DRAWING NO.: VC77-000002

DIMENSIONS:

		FULL SCALE	MODEL SCALE
Height, In.		8.00	0.0800
Length, In.		3.00	0.0300
Location	X_B = 1511.00		

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TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: CIRCUMFERENTIAL STIFFENER - PS_{13}

GENERAL DESCRIPTION: Ring stiffener located at the point where the skirt flares. The stiffener is I-beam.

MODEL SCALE: 0.010

DRAWING NO.: VC77-000002

DIMENSIONS:

	FULL SCALE	MODEL SCALE
Height, In.	6.50	0.065
Length, In.	4.00	0.040
Location:	X_B = 1833.70	

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: Data capsule and CAMERA - PS_{15}

GENERAL DESCRIPTION: Cylinder located on forward skirt of SRB containing camera and data storage equipment, mounted longitudinally.

MODEL SCALE: 0.010

DRAWING NO.: VC77-000002

DIMENSIONS:

	FULL SCALE	MODEL SCALE
Length, In. at X_B 403.38	36.00	0.360
Diameter, In.	9.00	0.090

TABLE III (CONT'D)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: FORWARD ATTACH - PS_{16}

GENERAL DESCRIPTION: On SRB, forward SRB-ET attach

MODEL SCALE: 0.010

DRAWING NO.: VC77-000002

DIMENSIONS:	FULL SCALE	MODEL SCALE
Height, In.	9.50	0.0950
Inner:		
Length, In, @ X_B = 442.70	44.28	0.443
Width, In.	16.00	0.160
Outer:		
Length, In. @ X_B = 442.70	23.85	0.239
Width, In.	11.00	0.110

TABLE III. - Concluded

MODEL DIMENSIONAL DATA

MODEL COMPONENT : PT28 - DRAG RING

GENERAL DESCRIPTION : CYLINDRICAL EXTENTION OF THE E.T. TERMINATING IN A BLUNT BASE AT X_T = 2081.0, THE REMAINDER OF THE ELLIPTICAL BASE IS RETAINED. X_T = 2081.0 IS 20.0 INCHES AFT OF REAR COVER BOLT CIRCLE FLANGE ON BASE OF TANK.

DRAWING NUMBER : NONE

SCALE : 0.010

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length *	32.1	0.321 m
Max Diameter	331.0	3.31 in
Max Depth		
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

* FROM TANGENCY POINT, X_T = 2048.9

TABLE IV. MPS BLOWING SYSTEM SET PRESSURES

MACH M_∞	P_T	CHAMBER PRESSURE		
		$\theta_j = N+3$	$\theta_j = N$	$\theta_j = N-3$
1.55	14.7	1341	1006	745
2.0	↓	1616	930	648
2.2		1705	1018	605
2.6		1621	1091	685
3.0		1520	1046	656
3.5		1486	926	598
1.55	10.7	976	732	542
2.0	↓	1177	677	472
2.2		1241	741	440
2.6		1179	793	459
3.0		1106	757	477
3.5		1078	672	434
1.55	6.7	611	458	339
2.0	↓	736	424	295
2.2		778	464	276
2.6		739	497	313
3.0		692	473	299
3.5		685	427	276

$\theta_j = N+3$ INDICATES 3° OVER PROTOTYPE PLUME TURNING ANGLE

$= "> N"$

$\theta_j = N-3 = "< N"$

TABLE V. - SRB BLOWING SYSTEM SET PRESSURES

MACH M_∞	P_T	CHAMBER PRESSURE			
		$\theta_i = N+10$	$\theta_i = N+5$	$\theta_i = N$	$\theta_i = N-5$
1.55	14.7	1266	804	547	372
2.0	↓	1597	846	560	357
2.2		1925	921	514	344
2.6		3095	1378	627	332
3.0		3200	1900	868	388
3.5		———	1708	1148	512
1.55	10.7	921	585	398	271
2.0	↓	1163	616	408	260
2.2		1401	671	374	250
2.6		2251	1002	456	241
3.0		2328	1382	632	282
3.5		———	1239	833	371
1.55	6.7	577	367	250	170
2.0	↓	728	385	255	163
2.2		878	420	235	157
2.6		1411	628	286	151
3.0		1456	865	395	177
3.5		———	779	524	233

$\theta_i = N+10$ = "7?N"

$= N+5$ = "7N"

$= N$

$= N-5$ = "<N"

TABLE VI.- BASE AND BODY FLAP PRESSURE TAP LOCATION

	TAP NUMBER	Y_o	Z_o	X_o
ORBITER BASE	101	0	324.7	
	102	- 53.0	309.4	
	103	53.0	309.4	
	104	-110.0	324.7	
	105	110.0	324.7	
	106	DELETED		
	107	-103.0	383.3	
	108	103.0	383.3	
	109	0	396.1	
	110	- 25.0	401.9	
	111	25.0	401.9	
	112	- 80.0	433.6	
	113	80.0	433.6	
	114	0	494.2	
OMS	121	-60.0	505	
	122	60.0	505	
	123	-120.0	460	
	124	120.0	460	
VERTICAL	131	0	534.0	
BODY FLAP	141	-75°		1565.0
	142	0		↓
	143	75°		
	144	-75°		
	145	75°		
	146	0		

TABLE VII.

CASE 1 PERTURBATION SCHEME II

Dataset Type	Dataset Sequence	1st ID	2nd ID	Perturbants									
				1	2	3	4	5	6	7	8	9	10
[illegible]	1-5, 7-9, 10-14, 16-17, 19-23, 25-26, 28-99	ALPHA	BETA	MACH	CNW	CTCW	CBCW	CHET	CHET				
	1, 15, 24	ALPHA	SRBCPP	BETA	MACH	CNW	CTCW	CBCW	CHET	CHET			
	1, 15, 27	ALPHA	MFSCPP	BETA	MACH	CNW	CTCW	CBCW	CHET	CHET			
APPROX	1-99	ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
[illegible]	1-5, 7-9, 10-14, 16-17, 19-23, 25-26, 28-99	ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
	6, 15, 24	ALPHA	SRBCPP										
	6, 15, 27	ALPHA	MFSCPP										
[illegible]	1-5, 7-9, 10-14, 16-17, 19-23, 25-26	ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP112				
	6, 15, 24	ALPHA	SRBCPP										
	6, 15, 27	ALPHA	MFSCPP										
	28-99	ALPHA	BETA	CP101	CP112	CP103	CP104	CP105	CP107	CP106	CP109	CP110	CP111
[illegible]	1-5, 7-9, 10-14, 16-17, 19-23, 25-26, 28-99	ALPHA	BETA	CP113	CP114	CP114	CP115	CP116	CP117	CP118	CP119		
	6, 15, 24	ALPHA	SRBCPP										
	6, 15, 27	ALPHA	MFSCPP										

TABLE VII. - Continued.

Dataset Type	Dataset Sequence	1st ID	2nd ID	Coefficients									
				1	2	3	4	5	6	7	8	9	10
RE6XXX	1-5, 7-8, 10-14, 16-17, 19-23, 25-26, 28-99	ALPHA	BETA	CP141	CP142	CP143	CP144	CP145					
	6, 15, 24	ALPHA	SRBCPR	↓	↓	↓	↓	↓					
	9, 18, 27	ALPHA	MPSCPR	↓	↓	↓	↓	↓					
RE6XXX	1-5, 7-8, 10-14, 16-17, 19-23, 25-26, 28-99	ALPHA	BETA	CP201 - CP231 as a function of radius and PHI values									
	6, 15, 24	ALPHA	SRBCPR										
	9, 18, 27	ALPHA	MPSCPR										
RE6XXX	1-5, 7-8, 10-14, 16-17, 19-23, 25-26	ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
	6, 15, 24	ALPHA	SRBCPR	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
	9, 18, 27	ALPHA	MPSCPR	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
	28-99	ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
RE6XXX	1-5, 7-8, 10-14, 16-17, 19-23, 25-26	ALPHA	BETA	1P1	1P2	1P3	1P4	1P5	CP142	CP141	1S3	1S4	1S5
	6, 15, 24	ALPHA	SRBCPR	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
	9, 18, 27	ALPHA	MPSCPR	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓

TABLE VII. - Concluded.

Data type	Punched sequence	1st ID	2nd ID	Coefficients									
				1	2	3	4	5	6	7	8	9	10
[illegible]	1-4, 7-9, 10-14, 16-17, 19-23, 25-26	ALPHA	BETA	1P6	1P7	2I 1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
	4, 15, 24	ALPHA	SRBOPP										
	4, 15, 27	ALPHA	MPSOPR										
[illegible]	1-4, 7-9, 10-14, 16-17, 19-23, 25-26	ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
	4, 15, 24	ALPHA	SRBOPP										
	4, 15, 27	ALPHA	MPSOPR										

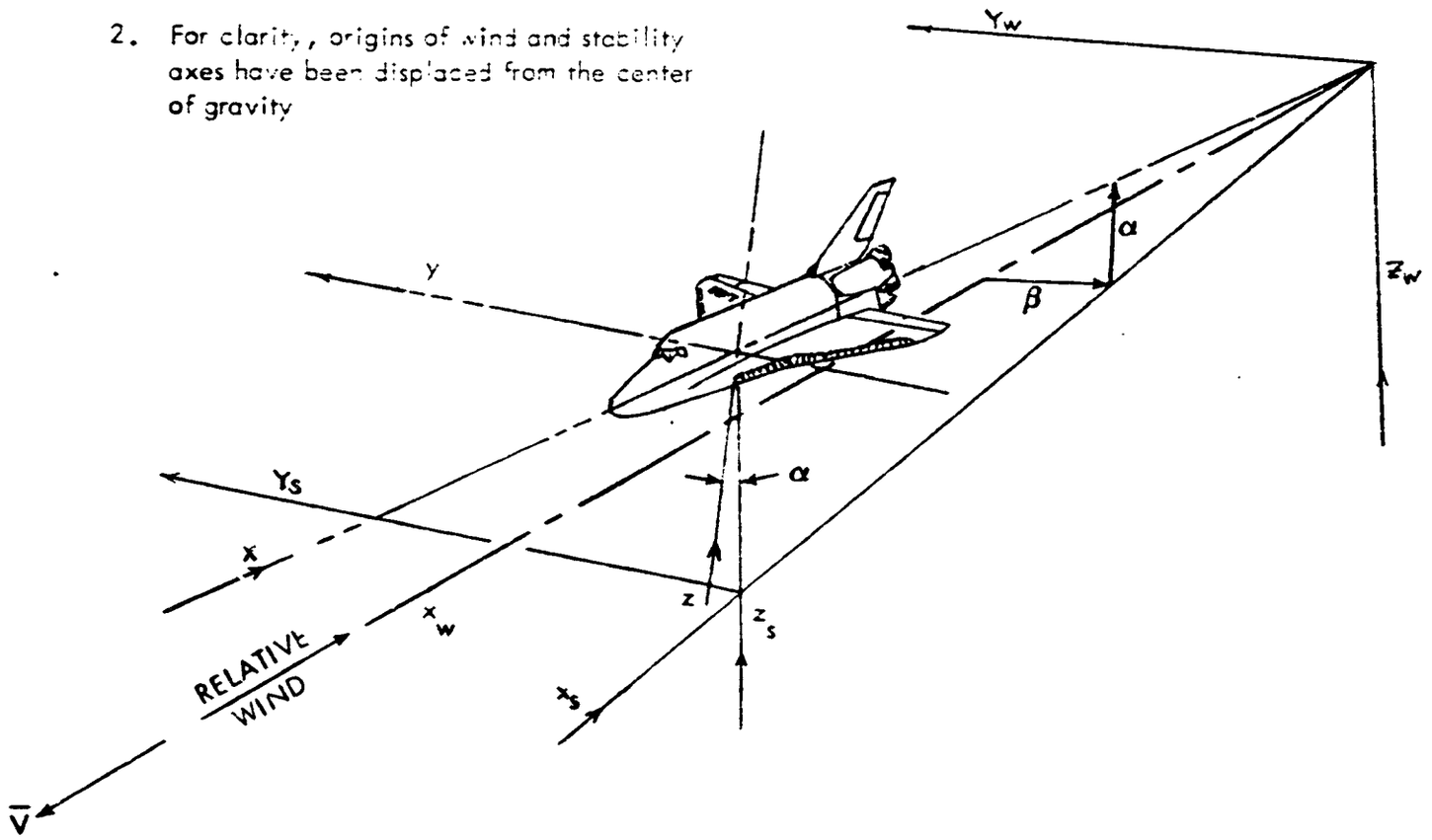
Note: II = independent variable

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Notes:

1. Positive directions of angles are indicated by arrows

2. For clarity, origins of wind and stability axes have been displaced from the center of gravity

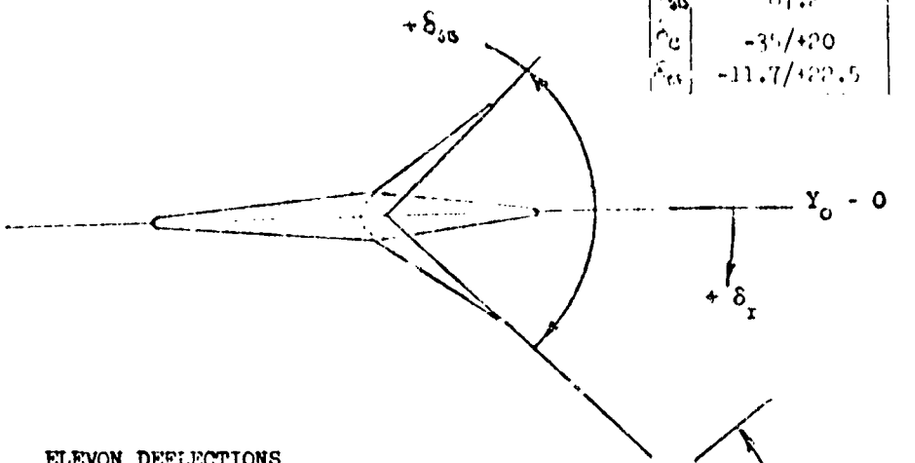


a. General

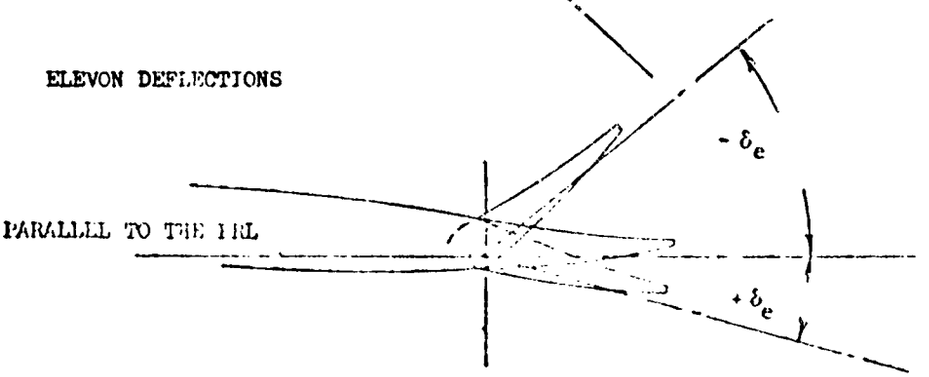
Figure 1. - Axis Systems.

RUDDER AND SPEED BRAKE DEFLECTIONS
(PARALLEL TO THE FRL)

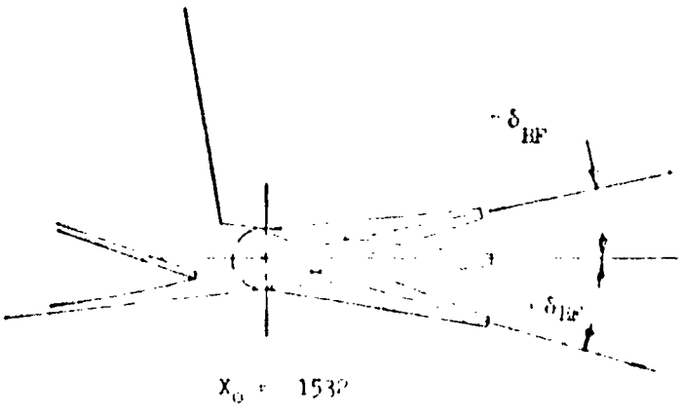
	Maximum Deflections	
	Vehicle	Test 1A82B
δ_r	22.8	0
δ_{sb}	87.2	0
δ_e	-35/+20	-6/+10
δ_{es}	-11.7/+22.5	0



ELEVON DEFLECTIONS

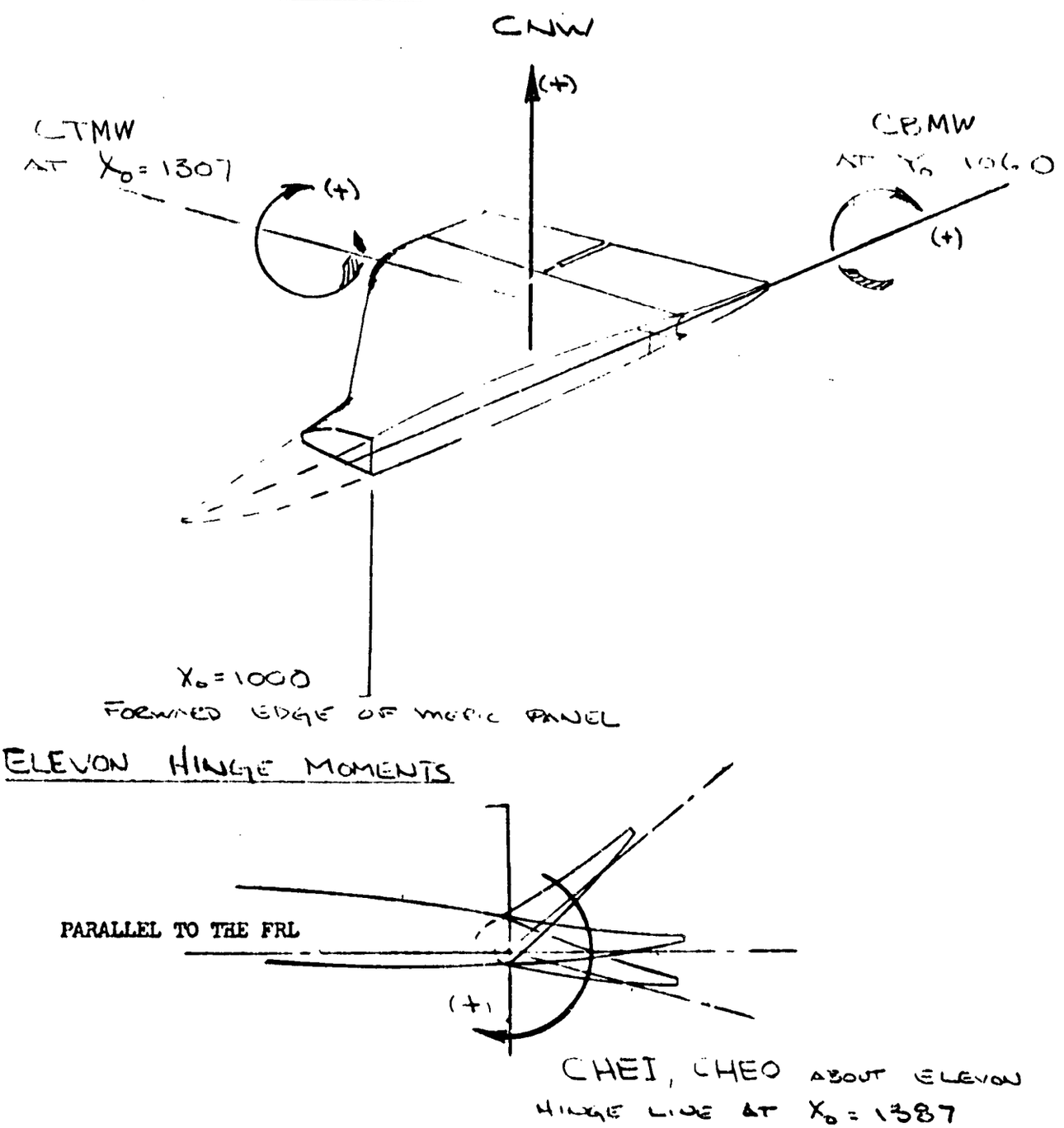


BODY FLAP DEFLECTIONS



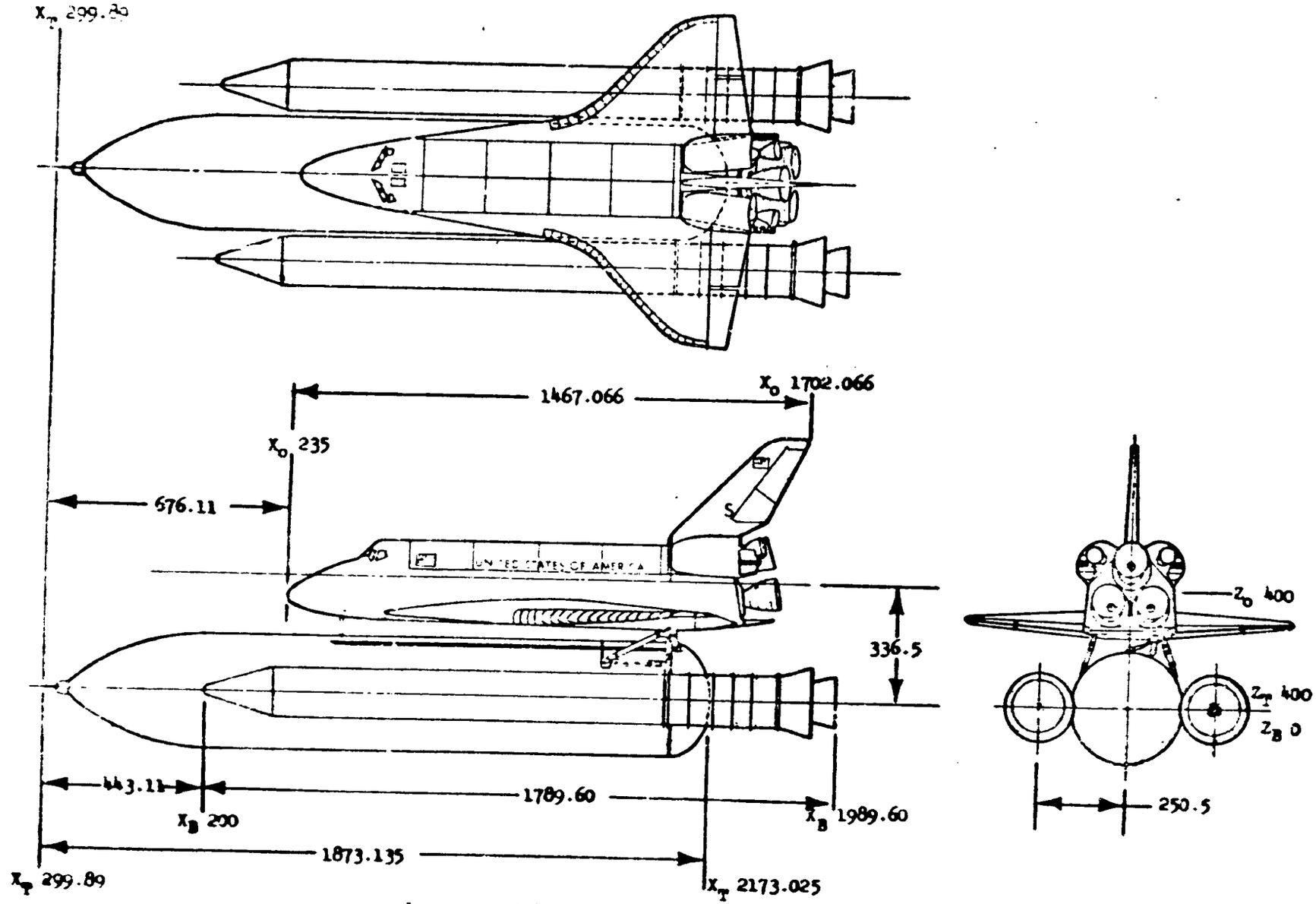
b. Control surface deflections

Figure 1. Continued.



c. Panel Loads and Hinge Moments

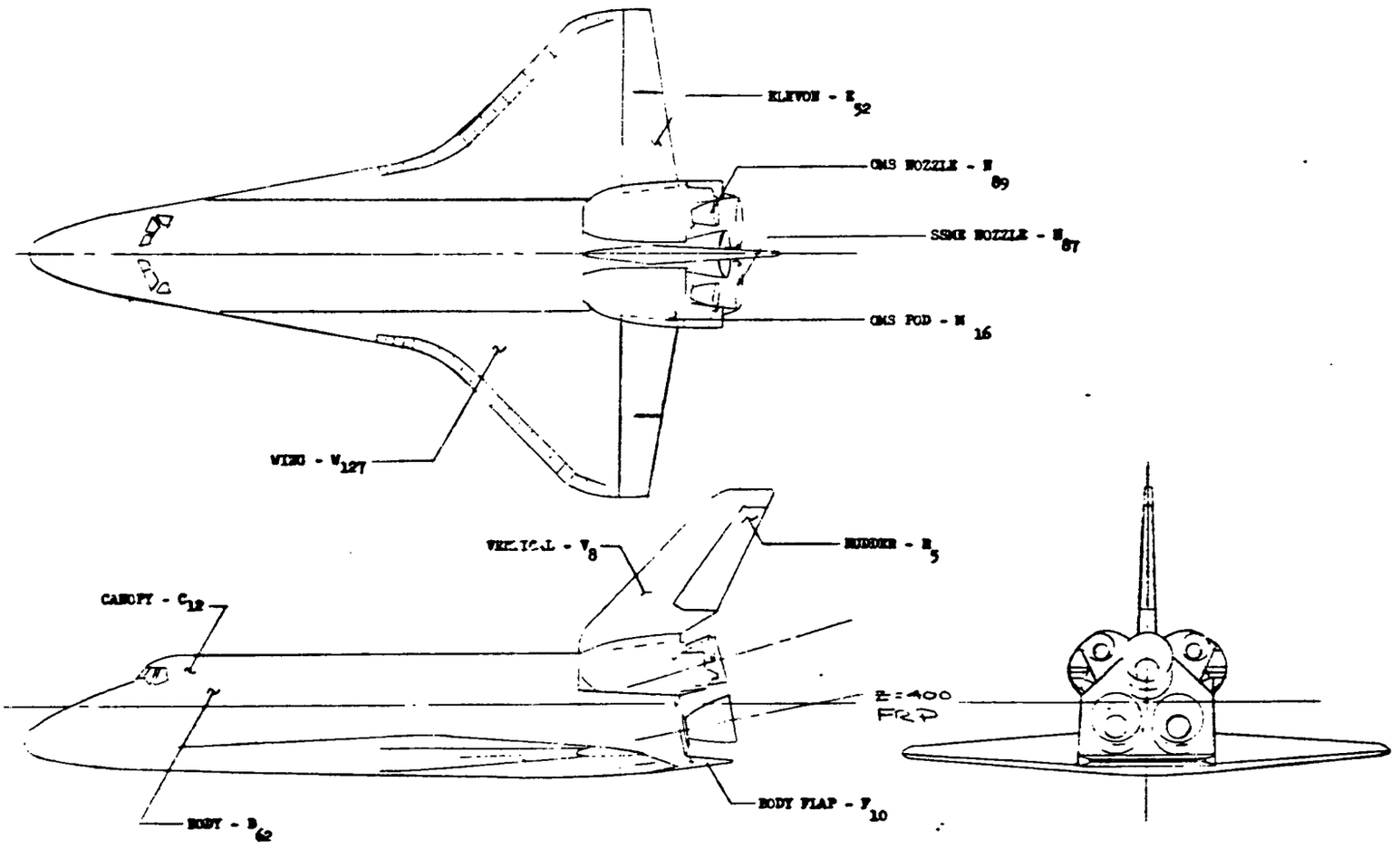
Figure 1. - Concluded.



a. Integrated Space Shuttle Vehicle Launch Configuration

Figure 2. - Model Sketches.

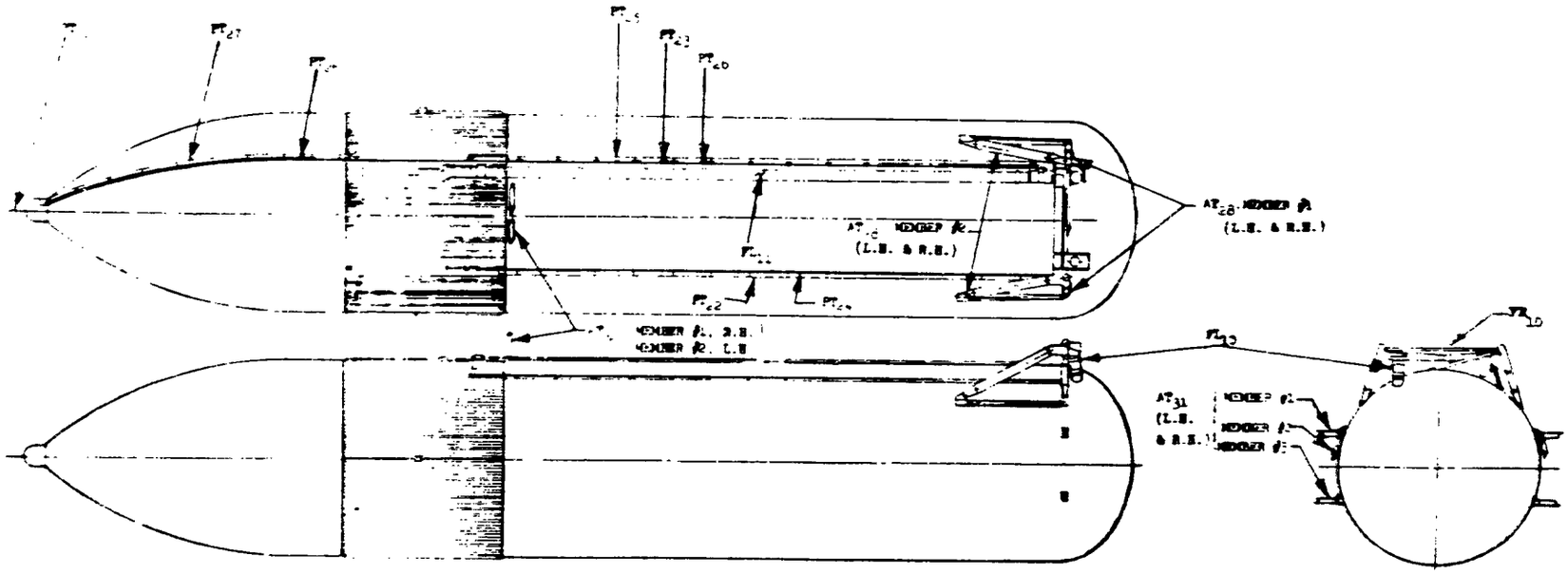
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Orbiter (O_1) Components

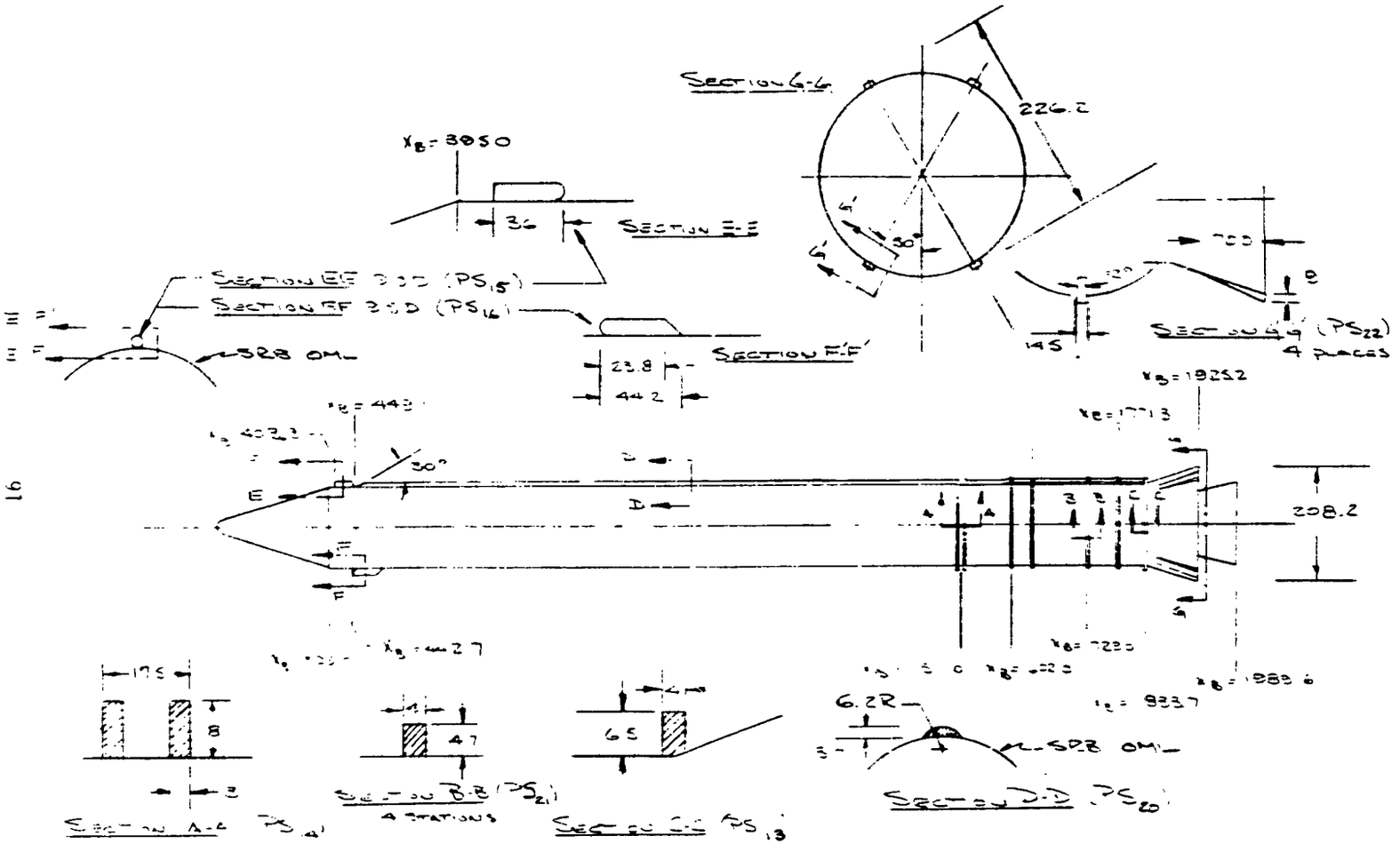
b. Orbiter (O_1) Components

Figure 2. - Continued.



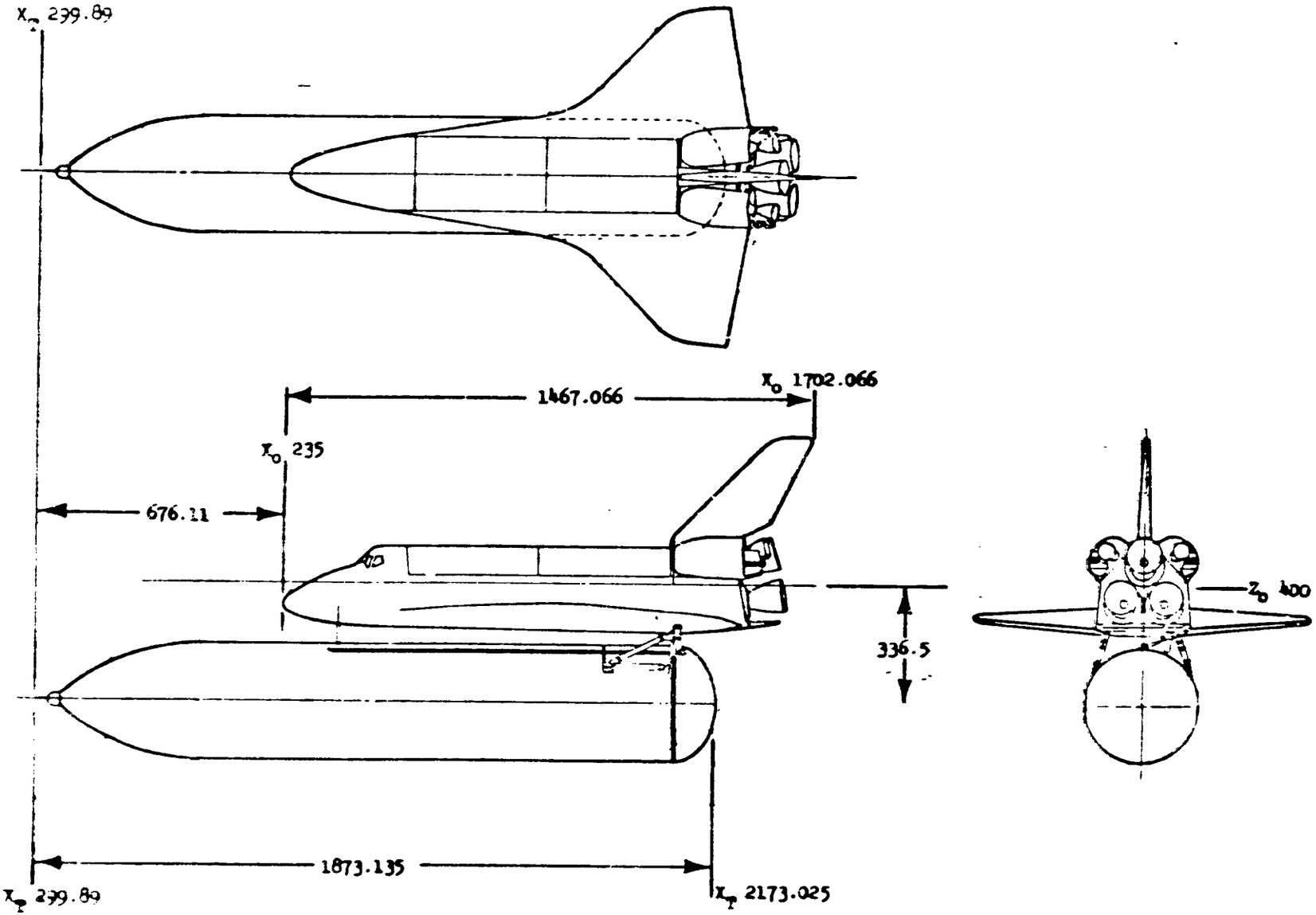
c. External Tank FT_{22} Protrusions

Figure 2. - Continued.



d. SRB (S_{2-}) Protrusions

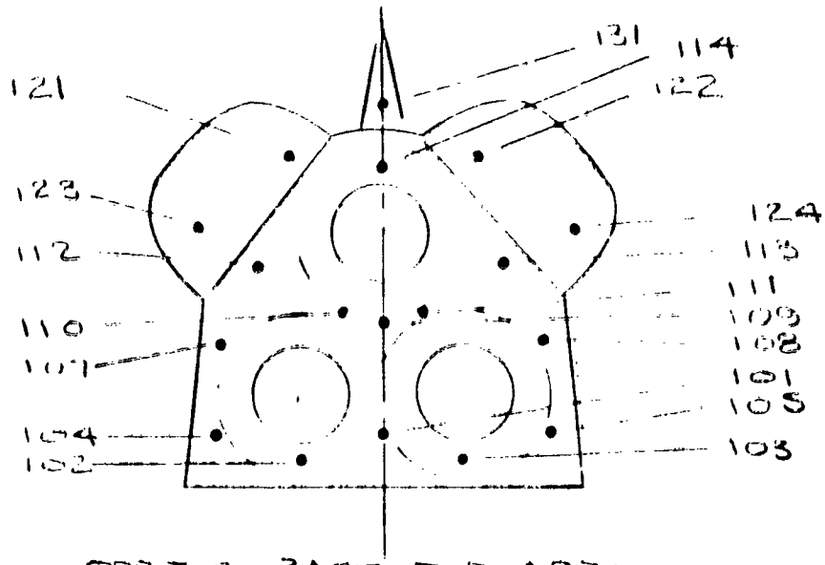
Figure 2. - Continued.



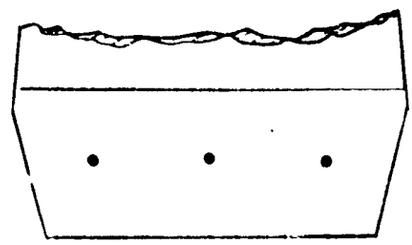
a. Integrated Space Shuttle vehicle, basic stage

Figure [illegible] - Continued.

REPRODUCIBILITY OF THE



ORBITER BASE TAP ARRAY



TOP	144	146	145
BOTTOM	141	142	143

BODY FLAP PRESSURE TAPS

1. Orbiter Base and Body Flap Pressure Tap Array

Figure 2. - Continued.

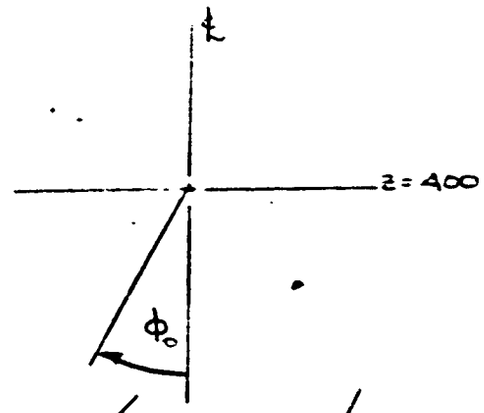
g. Orbiter Vent Pressure Tap Array

Figure 2. - Continued

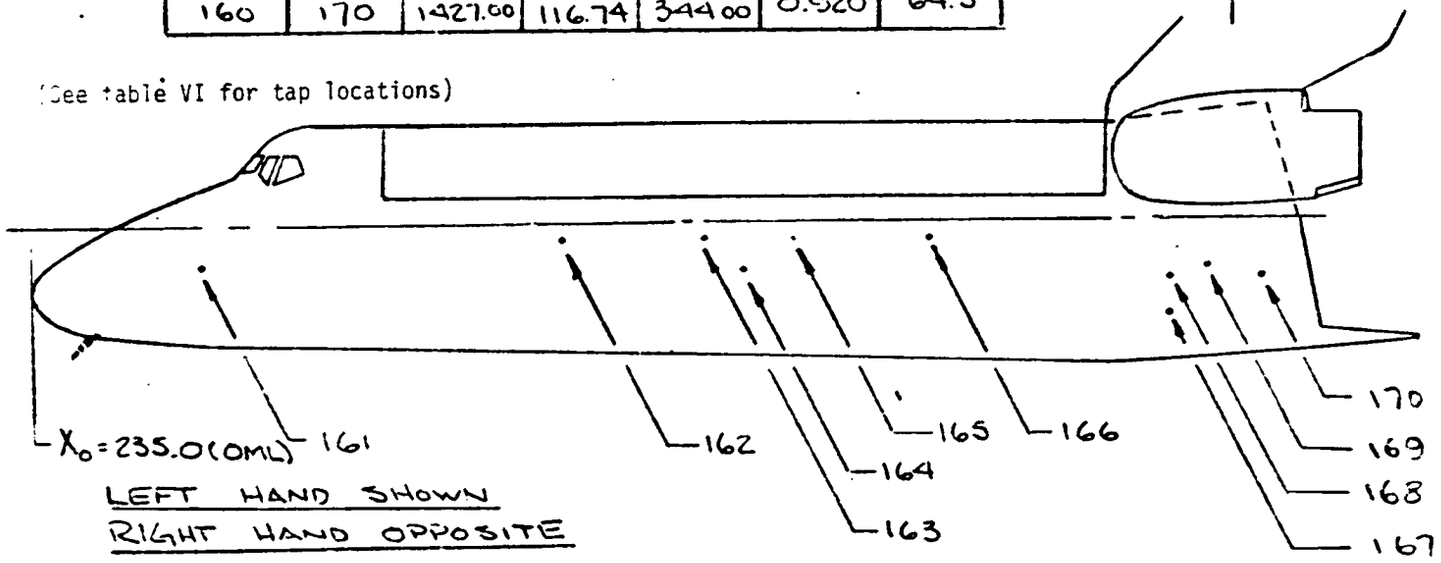
X/L MEASURED FROM 235.0
L = 1290.3 IN FULL SCALE

TAP. No's RH	TAP. No's L		Y_o Full Scale	Z_o Full Scale	X/L	ϕ_o
151	1.	[illegible]	78.28	358.13	0.127	61.8
152	1:	[illegible]	105.00	385.24	0.410	82.0
153		[illegible]	105.00	385.24	0.520	82.0
154	16	[illegible]2.12	105.00	357.07	0.540	61.7
155	165	994.62	105.00	385.24	0.586	82.0
156	166	1128.08	105.00	385.24	0.690	82.0
157	167	1373.75	112.09	311.00	0.880	51.6
158	168	1373.75	111.36	344.00	0.880	63.3
159	169	1390.25	112.74	357.50	0.893	69.3
160	170	1427.00	116.74	344.00	0.920	64.3

DEFINITION OF ϕ_o
LOOKING FWD:



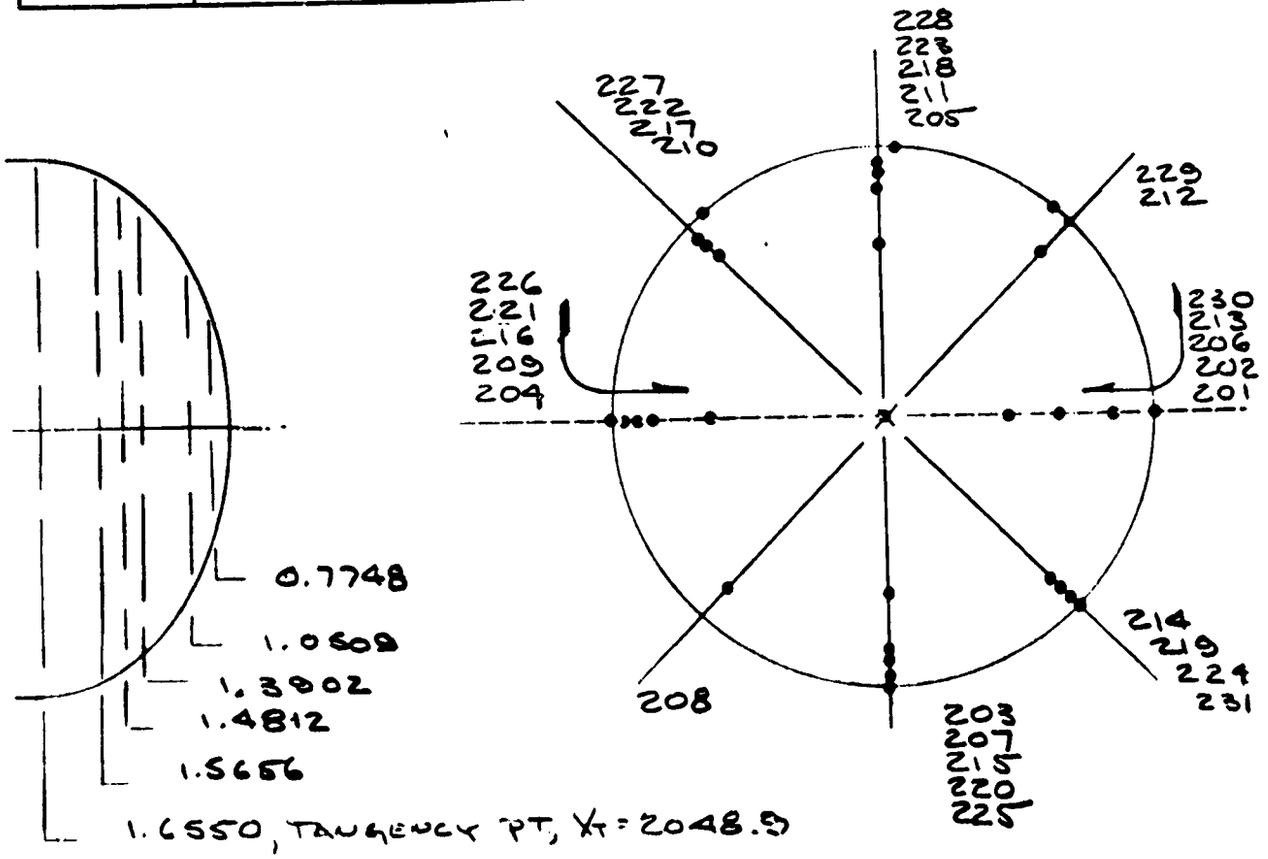
(See table VI for tap locations)



LEFT HAND SHOWN
RIGHT HAND OPPOSITE

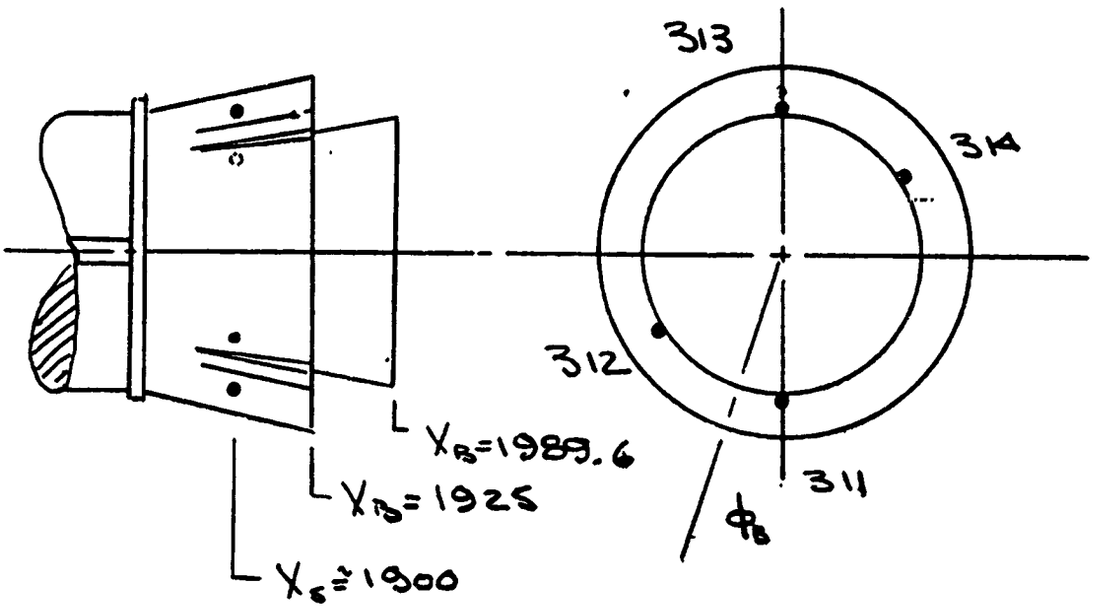
TAP NUMBER	R, in	φ
201	0	—
202	0.7448	270
203	1.0509	0
204		90
205		180
206		270
207	1.3902	0
208		45
209		90
210		135
211		180
212		225
213		270
214		315
215	1.4812	0
216		90

TAP NUMBER	R, in	φ
217	1.4812	135
218		180
219		315
220	1.5656	0
221		90
222		135
223		180
224		315
225	1.6550	0
226		90
227		141
228		186
229		219
230		270
231		315



h. ET Base Pressure Tap Array

Figure 2. - Continued.



LEFT HAND SHOWN

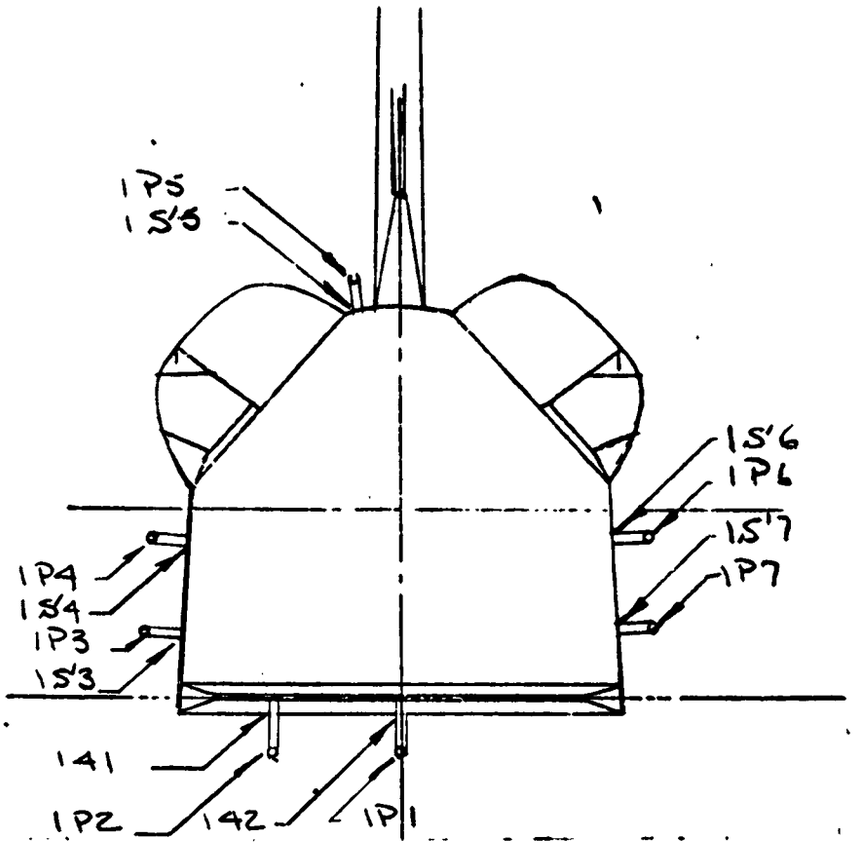
TAPS ARE FREE STANDING INSIDE SKIRT

TAP NO's		X_B		R.H. ϕ_B	L.H ϕ_B
RH	LH				
301	311	1900		0°	0°
302	312			120	60
303	313			180	180
304	314			300	240

i. SRM Base Pressure Tap Array

Figure 2. - Continued.

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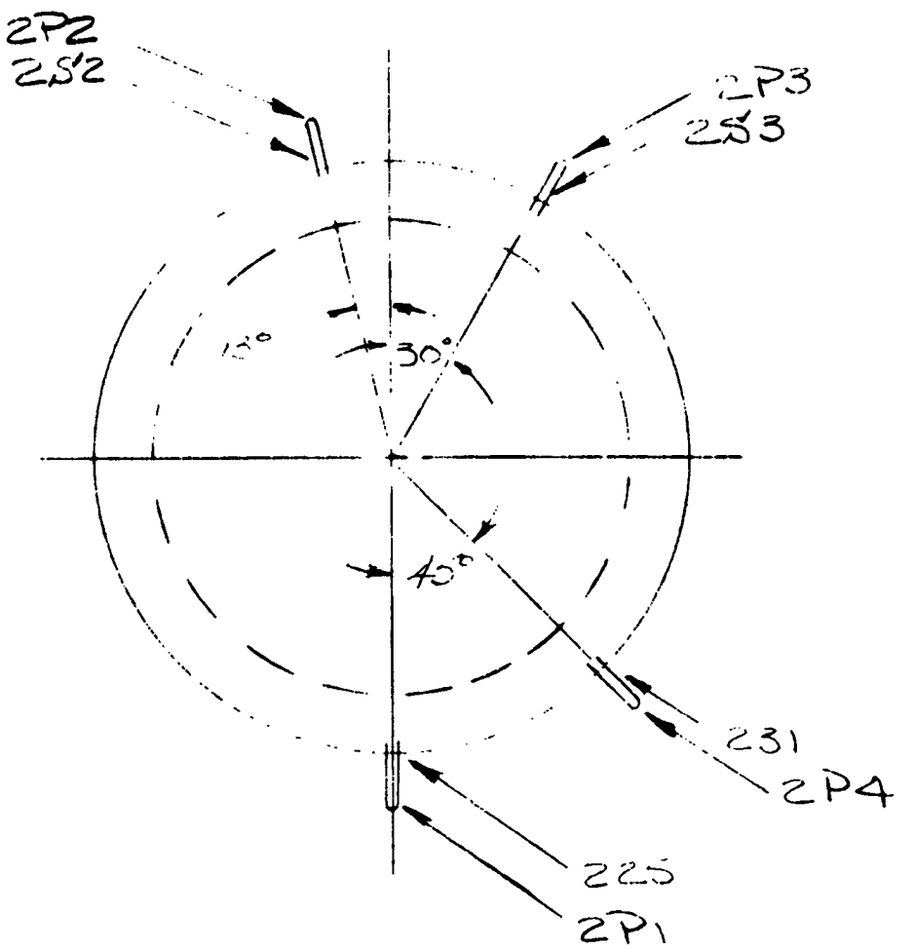


Pitot #	Static #	X_o	Y_o	Z_o
1P1	142	1565.0	0	
1P2	141	1565.0	-75.0	
1P3	1S3	1484.4		330.0
1P4	1S4	1474.9		385.0
1P5	1S5	1441.0	-25.0	
1P6	1S6	1474.9		385.0
1P7	1S7	1484.4		330.0

- PITOT TAPS ARE 0.25 FROM LOCAL SURFACE & STATIC

j. Orbiter Mach Rake

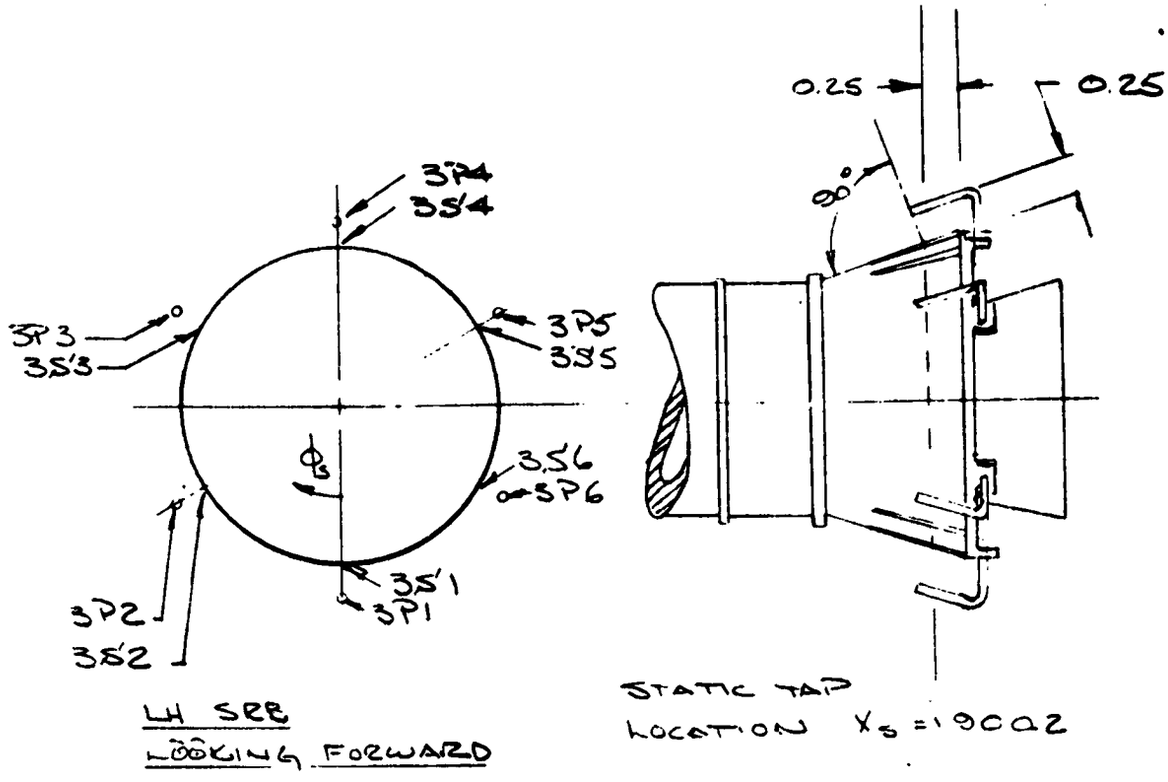
Figure 2. - Continued.



STATION, X_T	PITOT TAP	STATIC TAP	ϕ_T
2048.9	2P1	225	0
↓	2P2	252	167°
	2P3	253	210°
	2P4	231	315°

k. External Tank Mach Rakes

Figure 2. - Continued.

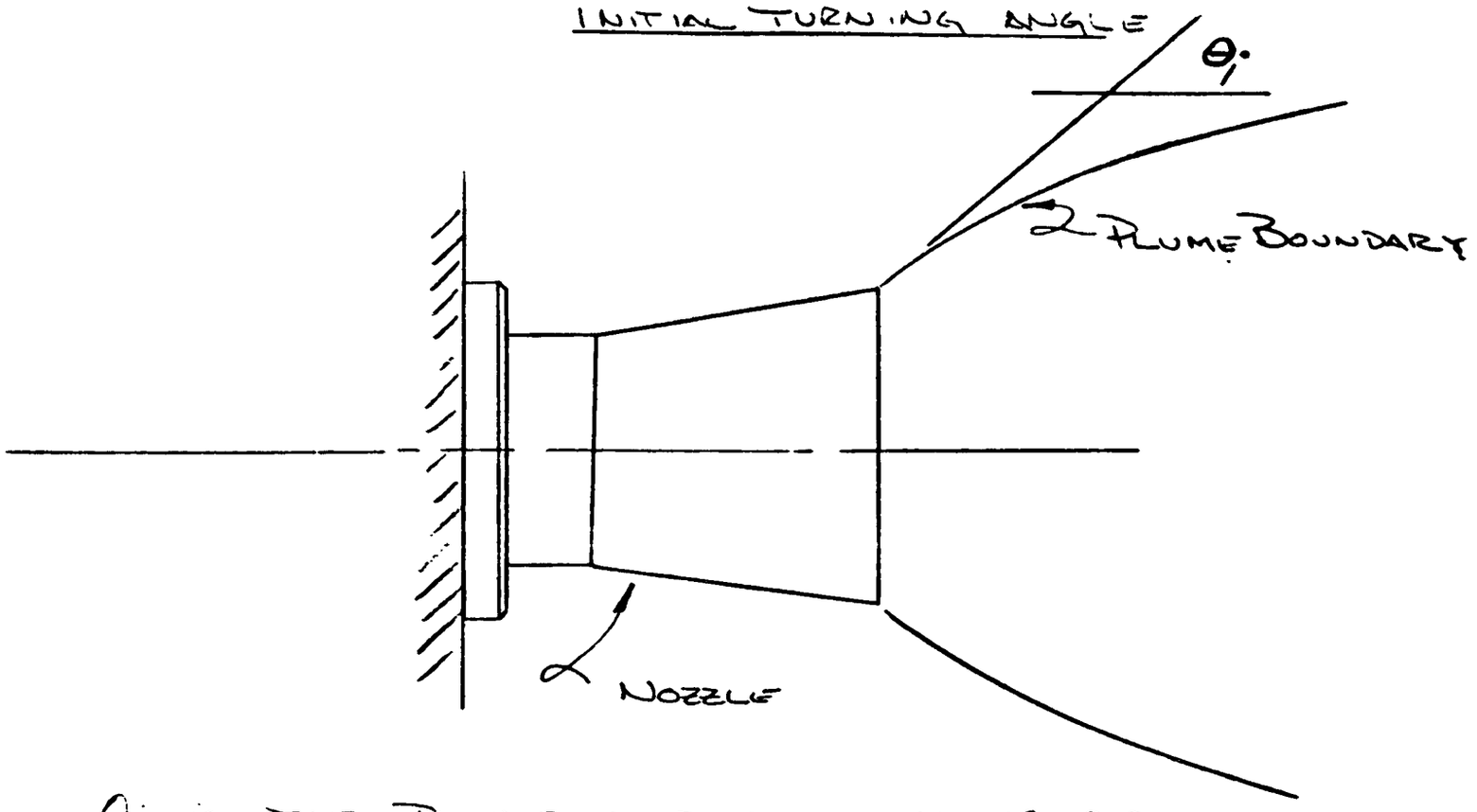


PITOT #	X_s *	STATIC #	X_s	ϕ_s
3P1	1892.2	3S1	1900.2	0°
3P2	↓	3S2	↓	60
3P3		3S3		120
3P4		3S4		180
3P5		3S5		240
3P6		3S6		300

* LOCATION is ⊥ TO STATIC TAP.

T. SRB Pitch Lateral

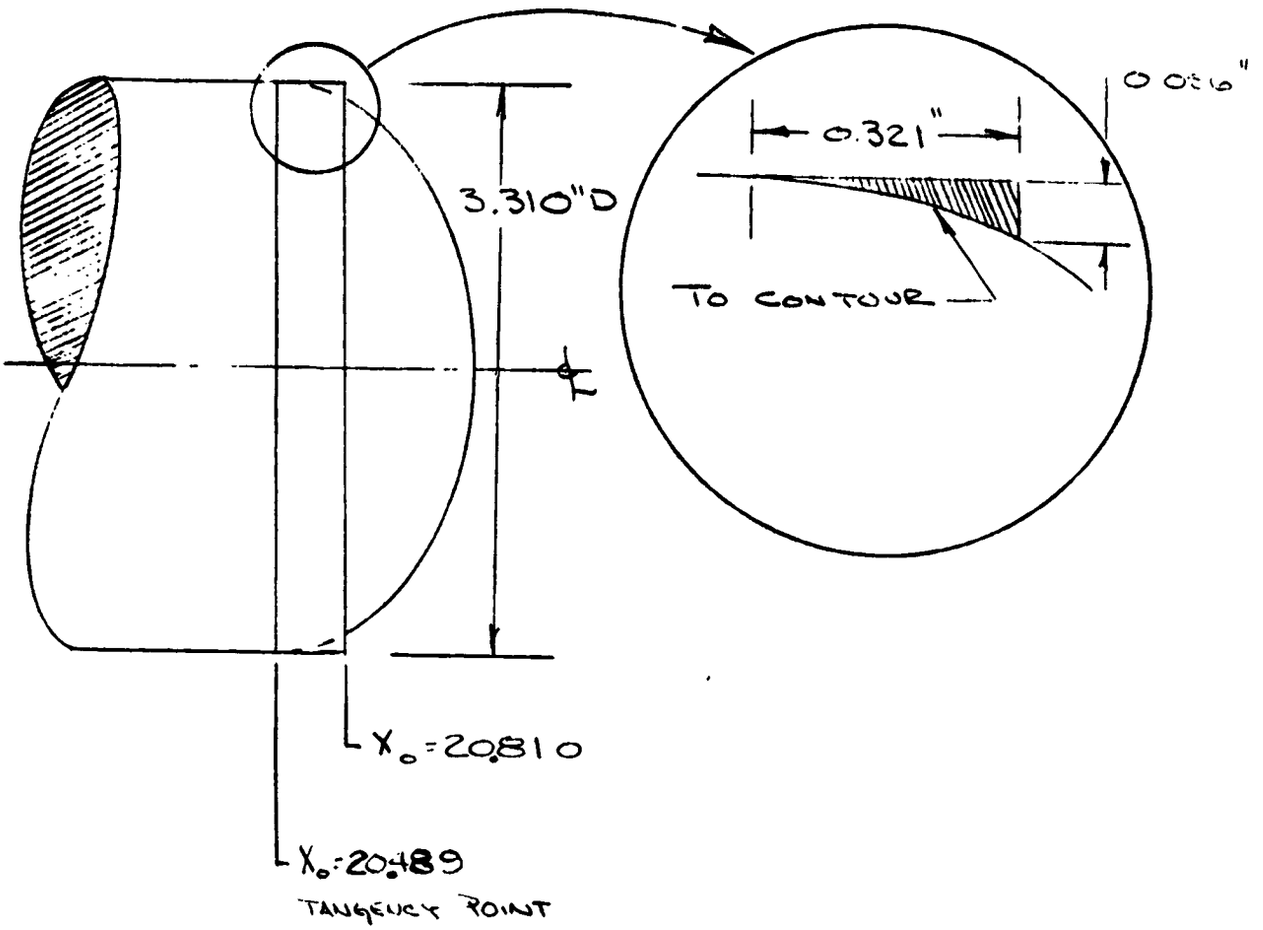
Figure 2. - Continued.



θ_i IS THE PLUME EXIT ANGLE MEASURED RELATIVE TO THE NOZZLE CENTERLINE. NOMINAL IS INDICATIVE OF THE PROTOTYPE PLUME SHAPE AND INITIAL TURNING ANGLE; LESS THAN NOMINAL INDICATES A SMALLER AND GREATER THAN NOMINAL A LARGER THAN PROTOTYPE PLUME.

m. Definition of θ_i

Figure 2. - Continued.



- ALL DIMENTIONS MODEL SCALE
- RING IS INTENDED TO LOWER DRAG BY FIXING TRANSITION

a. Drag Ring[1].

Figure 2. - Concluded.



a. 75-OTS in the ARC 9 x 7 Wind Tunnel, 3/4 Front View

Figure 3. - Model photographs.



b. 75-OTS in the ARC 9 x 7 Wind Tunnel, 3/4 Rear View
Figure 3. - Concluded.

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APPENDIX

TABULATED SOURCE DATA

Tabulations of plotted data are available on request from Data Management Services

PRECEDING PAGE

ARC97-044-IIA82B OTS+RAKES(SRB=OFF MPS=OFF) (RE6001) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 1/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.871	-.150	1.55570	.00540	-.00010	.00130	.08680	-.00650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.092	-4.091	1.55570	.01740	.00140	.00420	.06220	-.02340
.098	-.171	1.55570	.06030	.00370	.01100	.06910	-.02690
.089	3.900	1.55570	.10380	.00740	.01810	.07690	-.01230
	GRADIENT	-.00000	.01081	.00075	.00174	.00194	.00215

RUN NO. 3/ 0 RN/L = 4.07 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.148	-.144	1.55570	.11320	.00830	.02060	.05060	-.03540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM- MPS=NOM) (RE6002) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 13/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.985	-.144	1.55570	.00600	.00010	.00100	.08400	-.00720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 14/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.019	-4.091	1.55570	.01920	.00110	.00430	.06110	-.02340
-.019	-.181	1.55570	.06920	.00350	.01060	.06880	-.02660
-.019	3.897	1.55570	.10420	.00740	.01780	.07350	-.01210
	GRADIENT	-.00000	.01064	.00079	.00169	.00182	.00218

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ARC97-044-IIA82B OTS+RAKES(SRB=NOM- MPS=NOM) (PE6022) (22 JAN 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 15/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.152	-.140	1.55570	.11440	.00840	.02050	.04930	-.03510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM) (PE6003) (22 JAN 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 4/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.985	-.144	1.55570	.00690	.00000	.00110	.08240	-.02650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO 5/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.009	-4.009	1.55570	.02060	.00110	.00441	.06010	-.03220
.003	-.161	1.55572	.00880	.00320	.01050	.06500	-.02710
-.002	3.990	1.55570	.11450	.00740	.01790	.07000	-.01190
	GRADIENT	-.00000	.01051	.00079	.00169	.00124	.00231

RUN NO. 6/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.145	-.140	1.55570	.11410	.00870	.02050	.04750	-.03610
	GRADIENT	.00000	.00000	.00	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (RE6004) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 7/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.995	-.144	1.55570	00750	-.00020	.00110	.07760	-.00640
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 8/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.042	-4.091	1.55570	.02150	.00080	.00450	.05760	-.02990
-.015	-.178	1.55570	.06080	.00350	.01070	.06220	-.02690
-.039	3.897	1.55570	.10350	.00710	.01780	.06320	-.01190
	GRADIENT	.00000	.01027	.00079	.001[illegible]	.00070	.00226

RUN NO. 9/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.123	-.140	1.55570	.11440	00820	.02050	.04[illegible]30	-.03560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (RE6005) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 10/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.999	-.144	1.55570	.01080	-.00040	.00150	.06920	-.00630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 11/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.049	-4.088	1.55570	.02450	.00040	.00480	.05430	-.02890
-.032	-.181	1.55570	.06180	.00290	.01080	.05450	-.02590
-.042	3.897	1.55570	.10480	.00710	.01790	.04970	-.01050
	GRADIENT	-.00000	.01006	.00084	.00164	-.00058	.00232

ARC97-044-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (RE6005) (2 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 12/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.112	-.140	1.55570	.11480	.00800	.02050	.03830	-.03480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=VARY MPS=NOM) (RE6006) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 1.550
PT = 30.700

RUN NO. 70/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SRBCPR	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.029	117.220	-.14680	1.55520	.06130	.00370	.01100	.06530	-.02530
.029	129.540	-.14680	1.55520	.06210	.00380	.01110	.06490	-.02520
.032	165.910	-.14680	1.55520	.06080	.00330	.01090	.06370	-.02520
.019	186.370	-.14680	1.55520	.06180	.00360	.01100	.06290	-.02530
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM-) (RE6007) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 66/ 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.33	-.150	1.55520	.00540	-.00010	.00100	.00150	-.00560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM-) (RE6007) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 67/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
015	-4.101	1.55520	.01900	.00100	.00430	.05950	-.02750
.015	-.184	1.55520	.05870	.00320	.01070	.06460	-.02490
.002	3.903	1.55520	.10080	.00670	.01750	.07030	-.01050
	GRADIENT	.00000	.01022	.00071	.00165	.00135	.00213

RUN NO. 68/ 0 RN/L = 4.14 GRADIENT INTERVAL -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.102	-.147	1.55520	.11270	.00810	.02040	.04720	-.03400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM+) (RE6008) , (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 16/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.935	-.144	1.55570	.00710	.00000	.00110	.08100	-.00670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 17/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.042	-4.091	1.55570	.02070	.00110	.00440	.05940	-.02930
-.022	-.181	1.55570	.05930	.00320	.01060	.06350	-.02640
-.045	3.897	1.55570	.10410	.00730	.01780	.06820	-.01180
	GRADIENT	.00000	.01044	.00078	.00169	.00110	.00220

RUN NO. 18/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.092	-.140	1.55570	.11430	.00820	.02050	.04570	-.03550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=VARY) (RE6009) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 1.550
PT = 30.700

RUN NO. 69/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	XRSCPR	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.052	283.390	-.14680	1.55520	.05030	.00340	.01090	.06440	-.02530
.052	251.670	-.14680	1.55520	.06080	.00350	.01090	.06420	-.02510
.032	303.160	-.14680	1.55520	.06060	.00340	.01090	.06350	-.02540
.032	326.780	-.14680	1.55520	.06110	.00350	.01100	.06360	-.02510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=OFF MPS=OFF) (RE6010) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 19/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.580	-.095	2.00070	.00560	-.00020	.00050	.03270	-.00250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 20/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.374	-4.043	2.00070	.01590	.00040	.00300	.00050	-.03060
.367	-.136	2.00070	.04500	.00210	.00730	.01310	-.02140
.374	3.945	2.00070	.07780	.00380	.01210	.02630	-.00970
	GRADIENT	-.00000	.00775	.00343	.00114	.00323	.00262

RUN NO. 21/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.540	-.095	2.00070	.08580	.00530	.01420	-.00210	-.03800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-1IA82B OTS+RAKES(SRB=NOM- MPS=NOM) (RE6011) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .1000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 55/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.627	-.095	2.00030	.00520	-.00020	.00040	.02830	-.00010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 56/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.320	-4.046	2.00030	.01770	.00050	.00310	.00010	-.02730
.326	-.132	2.00030	.04580	.00220	.00730	.01050	-.01840
.313	3.952	2.00030	.07660	.00390	.01180	.02100	-.00700
	GRADIENT	-.00000	.00737	.00043	.00109	.00261	.00254

RUN NO. 57/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.463	-.095	2.00030	.08500	.00540	.01400	-.00310	-.03520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=NOM MPS=NOM) (RE6012) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .1000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 46/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.604	-.095	2.00030	.00440	-.00050	.00030	.02560	-.00010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 47/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.327	-4.049	2.00030	.01710	.00010	.00300	-.00030	-.02730
.353	-.132	2.00030	.04520	.00220	.00720	.00950	-.01840
.323	3.952	2.00030	.07640	.00390	.01180	.01690	-.00740
	GRADIENT	-.00000	.00741	.00047	.00110	.00215	.00249

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (RE6012) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 48/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-4.493	-.032	2.00030	.08530	.00530	.01410	-.00480	-.03550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (RE6013) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 49/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.624	-.095	2.00030	.00650	-.00060	.00040	.02100	-.00020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 50/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.327	-4.049	2.00030	.01940	-.00020	.00320	-.00120	-.02760
.329	-.132	2.00030	.04680	.00210	.00740	.00750	-.01840
.320	3.949	2.00030	.07630	.00370	.01180	.01110	-.00760
	GRADIENT	-.00000	.00712	.00049	.00108	.00153	.00250

RUN NO. 51/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-4.459	-.095	2.00030	.08500	.00520	.01400	-.00580	-.03550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-04++-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (RE6014) (22 JAN 76)

REFERENCE DATA

SREF = 2630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 52/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.027	-.095	2.00030	.01130	-.00080	.00100	.00870	-.00100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 53/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.310	-4.046	2.00030	.02460	-.00070	.00380	-.00470	-.02740
.333	-.132	2.00030	.04860	.00190	.00750	-.00130	-.01650
.330	3.949	2.00030	.07690	.00370	.01180	-.00050	-.00980
	GRADIENT	-.00000	.00654	.00055	.00100	.00052	.00220

RUN NO. 54/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.509	-.095	2.00030	.08660	.00540	.01410	-.01070	-.03540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-04++-11A82B OTS+RAKES(SRB=VARY MPS=NOM) (RE6015) (22 JAN 76)

REFERENCE DATA

SREF = 2630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.000
PT = 30.700

RUN NO. 65/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SRBCPR	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.356	222.360	-.09830	2.00030	.04710	.00240	.00750	.01020	-.01840
.365	253.320	-.09830	2.00030	.04680	.00240	.00740	.00960	-.01850
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM-) (RE6016) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 61/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.641	-.095	2.00030	.00550	-.00010	.00040	.02660	-.00010
	GRADIENT		.00000	.00000	.00000	.00000	.00000

RUN NO. 62/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.306	-4.046	2.00030	.01720	.00020	.00300	-.00010	-.02720
.319	-.135	2.00030	.04510	.00210	.00720	.01950	-.01840
.310	3.952	2.00030	.07600	.00380	.01180	.01800	-.00680
	GRADIENT		.00000	.00735	.00045	.00110	.00226	.00255

RUN NO. 63/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.409	-.098	2.00030	.08560	.00550	.01410	-.00400	-.03600
	GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM-) (RE6017) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 58/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.651	-.098	2.00030	.00590	-.00050	.00040	.02310	-.00030
	GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 59/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.306	-4.046	2.00030	.01830	-.00020	.00310	-.00080	-.02720
.313	-.132	2.00030	.04490	.00180	.00710	.00840	-.01810
.310	3.949	2.00030	.07450	.00340	.01150	.01480	-.00700
	GRADIENT		-.00000	.00703	.00045	.00105	.00195	.00253

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (RE6017) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 60/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-4.493	-.095	2.00030	.08450	.00500	.01390	-.00490	-.03520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (RE6018) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.000
PT = 30.700

RUN NO. 64/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MPSCPR	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.385	388.100	-.09830	2.00030	.04810	.00260	.00760	.00920	-.01890
.373	431.630	-.09830	2.00030	.04750	.00240	.00750	.00910	-.01860
.386	618.070	-.09830	2.00030	.04760	.00230	.00750	.00870	-.01860
.389	735.140	-.09830	2.00030	.04790	.00230	.00760	.00840	-.01840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (RE6019) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 22/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.373	-.089	2.20000	.01040	.00080	.00110	.01770	-.00400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=OFF MPS=OFF) (RE6019) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1993.8000 IN. YMRP = .0000 IN. YT
BREF = 1993.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 2.200 PT = 30.700

RUN NO. 23/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.591	-4.036	2.20000	.01800	.00070	.00310	-.02120	-.02490
.800	-.126	2.20000	.04360	.00210	.00670	-.00650	-.01780
.585	3.952	2.20000	.06850	.00260	.01030	.00880	-.00860
	GRADIENT	.00000	.00632	.00024	.00090	.00376	.00204

RUN NO. 24/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
+.757	-.069	2.20000	.07930	.00440	.01280	-.02230	-.03140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM- MPS=NOM) (RE6020) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1993.8000 IN. YMRP = .0000 IN. YT
BREF = 1993.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 2.200 PT = 30.700

RUN NO. 34/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.410	-.092	2.20050	.01160	.00070	.00120	.01370	-.00200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 35/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.595	-4.045	2.20050	.02000	.00060	.00320	-.02110	-.02200
.811	-.132	2.20050	.04400	.00200	.00660	-.00820	-.01500
.621	3.858	2.20050	.06940	.00290	.01020	.00350	-.00690
	GRADIENT	.00000	.00617	.00029	.00087	.00307	.00189

RUN NO. 36/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
+.617	-.088	2.20050	.07830	.00450	.01280	-.02340	-.02810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (RE6021 (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1990.3000 IN. YMRP = .0000 IN. YT
BREF = 1990.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 25/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.413	-.089	2.20000	.01230	.00050	.00120	.01020	-.00350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 26/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.548	-4.036	2.20000	.02140	.00040	.00330	-.02220	-.02400
.550	-.129	2.20000	.04510	.00200	.00670	-.00970	-.01700
.528	3.949	2.20000	.07060	.00300	.01030	-.00100	-.00880
	GRADIENT	.00000	.00616	.00033	.00388	.00265	.00190

RUN NO. 27/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.543	-.089	2.20000	.08090	.00460	.01280	-.02360	-.03050
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (RE6022) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1990.3000 IN. YMRP = .0000 IN. YT
BREF = 1990.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 28/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.410	-.092	2.20000	.01600	.00040	.00150	.00370	-.00420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 29/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.538	-4.036	2.20000	.02530	.00000	.00370	-.02360	-.02370
.547	-.129	2.20000	.04660	.00200	.00680	-.01140	-.01680
.531	3.949	2.20000	.07170	.00290	.01050	-.00700	-.00920
	GRADIENT	.00000	.00581	.00036	.00085	.00207	.00182

ARC97-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (RE6022) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 30/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.6+7	-.089	2.20000	.08100	.00450	.01280	-.02550	-.03050
GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (RE6023) (22 JAN 76)

REFERENCE DATA

SREF = 8680.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 31/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.+13	-.092	2.20000	.0184+0	.00000	.00170	-.00400	-.00510
GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 32/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
[illegible]+8	-4.036	2.20000	.02850	-.00010	.00400	-.02790	-.02320
[illegible]	-.126	2.20000	.04740	.00180	.00680	-.01730	-.01650
5+8	3.949	2.20000	.07050	.00280	.01020	-.01270	-.01090
GRADIENT		.00000	.00526	.00036	.00078	.00190	.00154

RUN NO. 33/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.650	-.092	2.20000	.08050	.00410	.01260	-.03140	-.03010
GRADIENT		.00000	.00000	.00000	.00000	00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=VARY MPS=NOM) (RE6024) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.200
PT = 30.700

RUN NO. 45/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SRBCPR	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.577	294.710	-.08830	2.20050	.04450	.00220	.00670	-.00760	-.01430
.580	332.710	-.08830	2.20050	.04440	.00220	.00660	-.00790	-.01430
.577	[illegible]	-.08830	2.20050	.04440	.00210	.00660	-.00920	-.01430
.577	553.530	-.08830	2.20050	.04460	.00200	.00670	-.01060	-.01440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM-) (RE6025) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1293.3000 IN. YMRP = .0000 IN. YT
BREF = 1293.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 40/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.420	-.092	2.20050	.01220	.00080	.00120	.01270	-.00180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 41/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.521	-4.042	2.20050	.02000	.00060	.00320	-.02130	-.02170
.580	-.125	2.20050	.04350	.00220	.00650	-.00860	-.01470
.594	3.959	2.20050	.06810	.00290	.01010	.00120	-.00700
	GRADIENT	-.00000	.00601	.00029	.00095	.00281	.00184

RUN NO. 42/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.643	-.088	2.20050	.07800	.00450	.01250	-.02360	-.02810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

AR09T-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (RE6028) (22 JAN 75)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SLAT = [illegible]

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 37/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.473	-.092	2.20050	.01270	.00030	.00120	.00890	-.00190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 38/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.523	-4.042	2.20050	.02100	.00000	.00320	-.02180	-.02150
.523	-.125	2.20050	.04300	.00170	.00640	-.00950	-.01460
.523	3.965	2.20050	.06760	.00250	.01000	-.00170	-.00710
	GRADIENT	-.00000	.00563	.00031	.00085	.00251	.00180

RUN NO. 39/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.527	-.092	2.20050	.07730	.00420	.01230	-.02410	-.02780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

AR09T-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) RE6027) (22 JAN 75)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SLAT = [illegible]

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.200
PT = 30.700

RUN NO. +3 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
[illegible]	-.092	2.20050	.04520	.00230	.00690	-.03810	-.01440
[illegible]	-.125	2.20050	.04500	.00230	.00670	-.03820	-.01440
[illegible]	-.092	2.20050	.04480	.00210	.00670	-.03850	-.01430
[illegible]	-.092	2.20050	.04460	.00190	.00670	-.03850	-.01430
[illegible]		.00000	.00000	.00000	.00000	.00000	.00000

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ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (RE6028) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 113/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.905	-.150	1.55570	.00610	.00020	.00130	.08560	-.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 114/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.055	-4.085	1.55570	.01700	.00100	.00420	.06120	-.02840
.052	-2.140	1.55570	.03640	.00210	.00730	.06530	-.02870
.072	-.171	1.55570	.05760	.00310	.01070	.06800	-.02600
.055	1.887	1.55570	.08040	.00490	.01440	.07160	-.01990
.052	3.903	1.55570	.10070	.00670	.01770	.07570	-.01180
	GRADIENT	.00000	.01057	.00071	.00170	.00176	.00211

RUN NO. 115/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.212	-.144	1.55570	.11280	.00780	.02060	.04930	-.03420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM- MPS=NOM) (RE6029) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 119/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.992	-.150	1.55570	.00440	-.00020	.00080	.08420	-.00570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM- MPS=NOM) (RE6029) (22 JAN 76)

REFERENCE DATA

SREF = 2630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1990.8000 IN. YMRP = .0000 IN. YT
BREF = 1291.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 120/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.022	-4.085	1.55570	.01900	.00120	.00430	.06090	-.02830
-.022	-.168	1.55570	.05970	.00320	.01080	.06580	-.02550
-.022	3.906	1.55570	.10300	.00710	.01780	.07340	-.01100
	GRADIENT	-.00000	.01051	.00074	.00169	.00157	.00217

RUN NO. 121/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.135	-.144	1.55570	.11310	.00800	.02050	.04810	-.03450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (RE6030) (22 JAN 76)

REFERENCE DATA

SREF = 2630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1990.8000 IN. YMRP = .0000 IN. YT
BREF = 1291.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 116/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.978	-.147	1.55570	.00460	-.00020	.00090	.08150	-.00360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 117/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.022	-4.085	1.55570	.01790	.00080	.00410	.05930	-.02320
-.018	-.168	1.55570	.05730	.00170	.00730	.06250	-.02350
-.022	3.906	1.55570	.10300	.00710	.01780	.07340	-.01100
-.042	7.987	1.55570	.14870	.00500	.01420	.06810	-.01590
-.059	8.303	1.55570	.10190	.00690	.01770	.07020	-.01090
	GRADIENT	.00000	.01057	.00078	.00170	.00137	.00203

ARC97-044-11A' 3 OTS(SRB=NOM MPS=NOM) (RE6030) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1291.3000 IN. YMRP = .0000 IN. YT
BREF = 1291.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 118/ C RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.188	-.147	1.55570	.11390	.00810	.02050	.04670	-.03440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A828 OTS(SRB=NOM+ MPS=NOM) (RE603.) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1291.3000 IN. YMRP = .0000 IN. YT
BREF = 1291.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO 124/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-4.035	-.169	1.55570	.00570	-.00040	.00090	.07810	-.00530
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 122/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-4.038	-.147	1.55570	.00650	-.00040	.00100	.07790	-.00530
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 123/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.055	-4.035	1.55570	.02120	.00080	.00450	.05730	-.02830
-.053	-.171	1.55570	.06040	.00330	.01080	.06150	-.02540
-.055	3.903	1.55570	.10260	.00700	.01770	.06460	-.01060
	GRADIENT	-.00000	.01019	.00078	.00165	.00091	.00223

ARC97-044-11A82B OTS(SRB=NOM++ MPS=NOM)

(RE6032) (22 JAN 76)

REFERENCE DATA

SREF = 6690.0000 SQ.FT. XMRP = 976.0000 IN. XT
BREF = 1690.3000 IN. YMRP = .0000 IN. YT
DIAREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 125/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-4.030	-.165	1.55570	.00910	-.00040	.00130	.07020	-.00530
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 126/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-4.028	-4.085	1.55570	.02510	.00070	.00490	.05420	-.02810
-4.059	-.168	1.55570	.06200	.00310	.01090	.05480	-.02520
-4.058	3.905	1.55570	.10440	.00710	.01790	.05180	-.00960
	GRADIENT	-.00000	.00993	.00080	.00163	-.00030	.00233

RUN NO. 127/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-4.015	-.169	1.55570	.11370	.00780	.02040	.03850	-.03380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM-)

(RE6033) (22 JAN 76)

REFERENCE DATA

SREF = 6690.0000 SQ.FT. XMRP = 976.0000 IN. XT
BREF = 1690.3000 IN. YMRP = .0000 IN. YT
DIAREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 128/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-4.018	-.165	1.55570	.00490	-.00030	.00090	.08240	-.00580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 129/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-4.042	-4.082	1.55570	.01910	.00100	.00430	.06010	-.02820
-4.039	-.168	1.55570	.05970	.00340	.01070	.06520	-.02550
-4.052	3.906	1.55570	.10390	.00730	.01790	.07150	-.01090
	GRADIENT	-.00000	.01062	.00079	.00170	.00143	.00218

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM-) (RE6033) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 130/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.025	-.171	1.55570	.11250	.00800	.02030	.04760	-.03420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM+) (RE6034) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 131/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-4.018	-.165	1.55570	.00410	-.00060	.00070	.08100	-.00560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 132/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.055	-4.082	1.55570	.01940	.00060	.00410	.05920	-.02820
-.045	-.169	1.55570	.05780	.00280	.01040	.06340	-.02520
-.059	3.906	1.55570	.10220	.00670	.01770	.06930	-.01050
	GRADIENT	-.00000	.01049	.00076	.00170	.00127	.00223

RUN NO. 133/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.065	-.171	1.55570	.11280	.00780	.02030	.04650	-.03410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (RE6035) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
MREF = 1293.7000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.551	-.117	2.00030	.00290	-.00040	.00040	.03210	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.317	-4.039	2.00030	.01440	.00010	.00290	.00040	-.02820
.388	-2.060	2.00030	.03060	.00120	.00540	.00560	-.02400
.396	-.123	2.00030	.04430	.00190	.00740	.01270	-.01930
.380	1.935	2.00030	.06020	.00270	.00970	.01980	-.01370
.374	3.955	2.00030	.07460	.00330	.01180	.02590	-.00780
	GRADIENT	.00000	.00751	.00040	.00111	.00326	.00256

RUN NO. 94/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.479	-.098	2.00030	.08340	.00480	.01400	-.00220	-.03590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA92B OTS(SRB=NOM- MPS=NOM) (RE6036) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
MREF = 1293.7000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 98/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.551	-.102	2.00030	.00480	-.00050	.00040	.02850	.00020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-11A82B OTS(SRB=NOM- MPS=NOM) (RE6036) (22 JAN 76)

REFERENCE DATA

SREF = 2690.7210 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1[illegible] IN. YMRP = .0000 IN. YT
[illegible] = [illegible] IN. ZMRP = 400.[illegible] IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. [illegible] RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.237	-4.039	2.00030	.01730	.00020	.00310	.00000	-.02810
.313	-.123	2.00030	.04540	.00180	.00730	.01070	-.01870
.393	3.955	2.00030	.07620	.00370	.01180	.02190	-.00710
	GRADIENT	-.00000	.00737	.00044	.00109	.00274	.00263

RUN NO. 100/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.429	-.098	2.00030	.08500	.00510	.01400	-.00400	-.03580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (RE6037) (22 JAN 76)

REFERENCE DATA

SREF = 2690.7210 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1200.0000 IN. YMRP = .0000 IN. YT
[illegible] = 1090.[illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 95[illegible] 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.64[illegible]	-.102	2.00030	.00520	-.00050	.00040	.02540	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 96/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
[illegible]05	-4.039	2.00030	.01750	.00000	.00310	-.00090	-.02820
[illegible]47	-2.091	2.00030	.03140	.00090	.00530	.00290	-.02350
[illegible]01	-.133	2.00030	.04540	.00190	.00730	.00890	-.01880
.249	1.945	2.00030	.06160	.00300	.00970	.01530	-.01320
[illegible]98	3.952	2.00030	.07600	.00350	.01180	.01690	-.00750
	GRADIENT	.00000	.00735	.00046	.00109	.00240	.00258

TABULATED SOURCE DATA - 1A82B

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (RE6037) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
BREF = 1290.3100 IN. YMRP = .0000 IN. YT
LREF = 1161.8100 IN. ZMRP = 400.0000 IN. ZT
RCHORD = 240.0000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 97/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.493	-.038	2.00030	.08520	.00500	.01410	-.00560	-.03600
	GRADIENT		.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM+ MPS=NOM) (RE6038) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
BREF = 1290.3100 IN. YMRP = .0000 IN. YT
LREF = 1161.8100 IN. ZMRP = 400.0000 IN. ZT
RCHORD = 240.0000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 101/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.884	-.098	2.00030	.00670	-.00070	.00050	.02160	.00000
	GRADIENT		.00000	.00000	.00000	.00000	.00000

RUN NO. 102 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.193	-4.040	2.00030	.01900	-.00050	.00320	-.00150	-.02780
.316	-.123	2.00030	.04620	.00170	.00730	.00810	-.01870
.293	3.955	2.00030	.07660	.00360	.01180	.01110	-.00770
	GRADIENT		-.00000	.00721	.00051	.00108	.00157	.00252

RUN NO. 103/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.193	-.095	2.00030	.08510	.00510	.01400	-.00680	-.03570
	GRADIENT		.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM** MPS=NOM) (RE6039) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 975.0000 IN. XT
BREF = [illegible] IN. YMRP = .0000 IN. YT
CMAC = [illegible] IN. ZMRP = 400.0000 IN. ZT
DELTA = [illegible]

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 104/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.[illegible]	-.098	2.00030	.01010	-.00120	.00090	.01000	-.00070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 105/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.290	-4.040	2.00030	.02380	-.00100	.00370	-.00530	-.02790
.[illegible]16	-.123	2.00030	.04790	.00160	.00750	-.00110	-.01880
.303	3.955	2.00030	.07600	.00310	.01170	-.00020	-.00960
	GRADIENT	-.00000	.00653	.00051	.00100	.00064	.00229

RUN NO. 106/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
[illegible]3	-.095	2.00030	.08580	.00500	.01400	-.01110	-.03560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM-1) (RE6040) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
BREF = [illegible] IN. YMRP = .0000 IN. YT
CMAC = [illegible] IN. ZMRP = 400.0000 IN. ZT
DELTA = [illegible]

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 107/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.[illegible]	-.098	2.00030	.00630	-.00020	.00060	.02600	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 108/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
[illegible]	-4.036	2.00030	.01750	.00010	.00310	-.00060	-.02760
[illegible]	-.123	2.00030	.04620	.00190	.00730	.00920	-.01870
[illegible]	3.955	2.00030	.07550	.00350	.01170	.01820	-.00730
	GRADIENT	-.00000	.00726	.00043	.00108	.00235	.00254

TABULATED SOLID DATA - IA82P

PA [illegible]

AP03F-044+-11A82B OTS(SRB=NOM MPS=NOM+)

(REF60+01) (22 [illegible] 76)

REFERENCE DATA

PARAMETRIC DATA

[illegible] = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
[illegible] = [illegible] IN. YMRP = [illegible] IN. YT
[illegible] = [illegible] IN. ZMRP = [illegible] IN. ZT

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 20.700

RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
[illegible]	[illegible]	[illegible]	.00+50	.00490	.01400	-.00330	[illegible]
GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000

AP03F-044+-11A82B OTS(SRB=NOM MPS=NOM+)

(REF60+01) (22 JA[illegible] 76)

REFERENCE DATA

PARAMETRIC DATA

[illegible] = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
[illegible] = [illegible] IN. YMRP = .0000 IN. YT
[illegible] = [illegible] IN. ZMRP = [illegible].0000 IN. ZT

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 20.700

RUN NO [illegible] RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
[illegible]	[illegible]	2.00030	.00540	-.00080	.00240	.02300	.00000
GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000

RUN NO [illegible] RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
[illegible]	+4.036	2.00030	.01760	-.00050	.00310	-.00110	-.02740
[illegible]	[illegible]	2.00130	[illegible]410	.00130	.00710	.00770	-.01850
[illegible]	[illegible]	2.00130	[illegible]440	.00310	.01160	.01470	-.00730
[illegible]	[illegible]	2.00130	[illegible]716	.00045	.00106	.00199	.00252

RUN NO [illegible] RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
[illegible]	[illegible]	2.00030	.9340	.00450	.01380	-.00540	-.03530
GRADIENT		.0000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=OFF MPS=OFF) (RE6042) (22 JAN 76)

REFERENCE DATA

XMRP = 976.0000 IN. XT
YMRB = .0000 IN. YT
ZMRB = 400.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 71/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
3.363	-.034	2.2000	.09770	-.00010	.00090	.01780	-.00190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 72/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.585	-4.036	2.21000	.01610	.00010	.00300	-.02090	-.02270
.597	-2.085	2.20000	.02840	.00070	.00470	-.01400	-.01960
.597	-.113	2.20000	.04100	.00130	.00650	-.00620	-.01530
.594	1.845	2.20000	.05320	.00170	.00820	.00110	-.01180
.585	3.881	2.20000	.06560	.00190	.01000	.00910	-.00640
	GRADIENT	.00000	.00618	.00023	.00097	.00375	.00202

RUN NO. 73/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
3.733	-.032	2.20000	.07630	.00380	.01250	-.02230	-.02890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM- MPS=NOM) (RE6043) (22 JAN 76)

REFERENCE DATA

XMRP = 976.0000 IN. XT
YMRB = .0000 IN. YT
ZMRB = 400.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 74/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.433	-.032	2.2000	.00970	.00010	.00100	.01380	-.00150
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM- MPS=NOM) (RE6043) (22 JAN 76)

REFERENCE DATA

XREF = 6881.0000 IN.SQ.FT. XMRP = 376.0000 IN. XT
YREF = 1691.3000 IN. YMRP = .0000 IN. YT
ZREF = 1317.7000 IN. ZMRP = +01.0000 IN. ZT
AREA/L = 1

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

CONFIG 78 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
	-4.033	[illegible]	.01920	.00000	.00310	-.02110	-.02910
	-.113	2.200000	.04270	.00150	.00650	-.03830	-.01600
	3.801	[illegible]	.06730	.00210	.01010	-.00770	-.02660
	GRADIENT	.00000	.00514	.00026	.00088	.00310	.00134

CONFIG 78 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.001	-.133	2.200000	.07900	.00380	.01260	-.02300	-.02670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM MPS=NOM) (RE6044) (22 JAN 76)

REFERENCE DATA

XREF = 6881.0000 IN.SQ.FT. XMRP = 376.0000 IN. XT
YREF = 1691.3000 IN. YMRP = .0000 IN. YT
ZREF = 1317.7000 IN. ZMRP = +01.0000 IN. ZT
AREA/L = 1

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

CONFIG 78 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-2.001	-.135	2.200000	.01220	.00020	.00120	.01040	-.00180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

CONFIG 78 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-2.001	-4.033	2.200000	.02000	-.00010	.00330	-.02180	-.02240
-2.001	-.113	2.200000	.03200	.00060	.00500	-.01600	-.01930
-2.001	3.801	2.200000	.04400	.00150	.00670	-.00930	-.01510
4.001	-.133	2.200000	.06610	.00210	.00840	-.00250	-.01180
4.001	-.001	2.200000	.08810	.00240	.01030	-.00350	-.00710
	GRADIENT	.00000	.00611	.00032	.00087	.00282	.00190

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

(RE6044) (22 JAN 75)

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

REFERENCE DATA

GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
				.00400	.01270	-.02370	-.02920
GRADIENT				.00000	.00000	.00000	.00000

(RE6045) (22 JAN 75)

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

REFERENCE DATA

GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.450	-.038	2.19901	.01440	.00000	.00140	.00430	-.00220
GRADIENT			.00000	.00000	.00000	.00000	.00000

GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
				-.00050	.00350	-.02350	-.02240
				.00120	.00660	-.01340	-.01520
				.00230	.01010	-.00640	-.00730
GRADIENT				.00035	.00083	.00214	.00169

GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
				.00400	.01240	-.02500	-.02640
GRADIENT				.00000	.00000	.00000	.00000

AP-97-044-1 IA82B OTS(SRB=NOM++ MPS=NOM) (PE6048) (22 JUN 76)

REFERENCE DATA

SREF = 4030.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1391.7000 IN. YMRP = .0000 IN. YT
BREF = 693.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 86 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.440	-.085	2.20000	.01610	-.00050	.00150	-.00350	-.00280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 87 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.611	-4.033	2.20000	.02560	-.00060	.00390	-.02730	-.02170
.527	-.116	2.20000	.04520	.00130	.00670	-.01850	-.01500
.611	3.961	2.20000	.06820	.00230	.01010	-.01230	-.00980
	GRADIENT	.00000	.00521	.00036	.00078	.00187	.00149

RUN NO. 88 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.647	-.089	2.20000	.07860	.00380	.01250	-.03030	-.02820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

AP-97-044-1 IA82B OTS(SRB=NOM MPS=NOM-) (PE6047) (22 JUN 76)

REFERENCE DATA

SREF = 4030.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1391.7000 IN. YMRP = .0000 IN. YT
BREF = 693.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 86 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.440	-.092	2.20000	.01090	.00040	.00110	.01210	-.00130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 87 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.588	-4.033	2.20000	.01910	.00020	.00310	-.02190	-.02140
.507	-.116	2.20000	.04260	.00170	.00650	-.00910	-.01440
.594	3.961	2.20000	.06720	.00240	.01000	.00120	-.00630
	GRADIENT	.00000	.00602	.00027	.00086	.00289	.00199

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM-) (RE6047) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 88/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.623	-.089	2.20000	.07720	.00420	.01240	-.02320	-.02790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM+) (RE6048) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 89/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.460	-.092	2.20000	.01050	-.00020	.00090	.00870	-.00130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 90/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.468	-4.033	2.20000	.01950	-.00040	.00310	-.02240	-.02120
.487	-.113	2.20000	.04160	.00110	.00630	-.01020	-.01430
.464	3.961	2.20000	.06630	.00220	.00990	-.00160	-.00630
	GRADIENT	.00000	.00586	.00032	.00085	.00260	.00186

RUN NO. 91/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.597	-.120	2.20000	.07500	.00340	.01210	-.02410	-.02830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

TABULATED SOURCE DATA - IA82B

APC97-044-IIA82B OTS(SRB=OFF MPS=OFF)

REFERENCE DATA

AREF = 2630.0000 SQ.FT.
LREF = 1620.3700 IN.
MRFF = 1680.0000 IN.
SCALE = .01 /

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 400.0000 IN. ZT

(RE6049) (22 JAN 75)

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 134/ 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.982	-.165	1.55570	.02740	-.00200	.00150	.05590	-.00800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 135/ 0 RN/L = 4.15 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.001	-4.082	1.55570	.02040	-.00090	.00480	.03010	-.02860
.018	-.168	1.55570	.06070	.00120	.01110	.01930	-.02660
.001	3.906	1.55570	.10540	.00500	.01840	.04830	-.01260
	GRADIENT	-.00000	.01064	.00074	.00170	.00228	.00201

RUN NO. 136/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.088	-.169	1.55570	.11530	.00620	.02090	.02070	-.03430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

APC97-044-IIA82B OTS(SRB=NOM MPS=NOM)

REFERENCE DATA

AREF = 2630.0000 SQ.FT.
LREF = 1620.3700 IN.
MRFF = 1680.0000 IN.
SCALE = .01 /

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 400.0000 IN. ZT

(RE6050) (22 JAN 76)

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 137/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-4.103	-.166	1.55570	.02890	-.00210	.00140	.05250	-.00720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 138/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.112	-4.082	1.55570	.02290	-.00090	.00480	.02890	-.02890
-.135	.168	1.55570	.06290	.00160	.01110	.03620	-.02640
-.116	3.906	1.55570	.10700	.00540	.01830	.04280	-.01210
	GRADIENT	-.00000	.01053	.00079	.00169	.00174	.00211

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (RE6050) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 139/ 0 RN/L = 4.04 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
3.978	-.165	1.55510	.11470	.00610	.02060	.01880	-.03480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (RE6051) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 143/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.707	-.117	2.00030	.00660	-.00190	.00080	.00910	-.00130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 144/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.263	-4.030	2.00030	.01760	-.00110	.00340	-.02380	-.02850
.269	-.120	2.00030	.04700	.00050	.00770	-.00980	-.01990
.283	3.959	2.00030	.07910	.00210	.01240	.00670	-.00790
	GRADIENT	.00000	.00771	.00040	.00113	.00382	.00258

RUN NO. 145/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.338	-.095	2.00030	.08500	.00360	.01420	-.02390	-.03610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1!A82B OTS(SRB=NOM MPS=NOM) (RE6052) (22 JA 76)

REFERENCE DATA

[illegible] 90.0000 SQ.FT. XMRP = 976.0000 IN. XT
[illegible] [illegible] IN. YMRP = .0000 IN. YT
[illegible] [illegible] IN. ZMRP = 400.0000 IN. ZT
[illegible] .2100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 140/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
[illegible]	-.114	2.00030	.00800	-.00220	.00080	.00380	-.00100
	GRADIENT		.00000	.00000	.00000	.00000	.00000

RUN NO. 141/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.019	-4.033	2.00030	.01870	-.00170	.00330	-.02460	-.02840
.143	-.120	2.00030	.04770	.00030	.00760	-.01190	-.01920
223	3.952	2.00030	.07800	.00180	.01210	-.00190	-.00790
	GRADIENT		.00743	.00044	.00110	.00284	.00257

RUN NO. 142/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.276	-.117	2.00030	.08530	.00330	.01410	-.02580	-.03600
	GRADIENT		.00000	.00000	.00000	.00000	.00000

ARC97-044-1!A82B OTS(SRB=OFF MPS=OFF) (RE6053) (22 JA. 76)

REFERENCE DATA

[illegible] [illegible] SQ.FT. XMRP = 976.0000 IN. XT
[illegible] [illegible] IN. YMRP = .0000 IN. YT
[illegible] [illegible] IN. ZMRP = 400.0000 IN. ZT
[illegible] .2100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 146/ 0 RN/L = 3.44 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
[illegible]	-.107	2.20000	.01120	-.00070	.00130	-.00290	-.00230
	GRADIENT		.00000	.00000	.00000	.00000	.00000

RUN NO. 147/ 0 RN/L = 3.43 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
[illegible]	-4.030	2.20000	.01910	-.00050	.00330	-.04270	-.02220
.017	-.115	2.20000	.04370	.00070	.00680	-.02630	-.01560
.211	3.955	2.20000	.06920	.00140	.01040	-.00840	-.00690
	GRADIENT		-.00000	.00627	.00024	.00089	.00430	.00192

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (RE6053) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 148/ 0 RN/L = 3.42 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.557	-.110	2.20000	.07760	.00300	.01260	-.04000	-.02830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (RE6054) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 149/ 0 RN/L = 3.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.519	-.104	2.20000	.01320	-.00070	.00140	-.00880	-.00210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 150/ 0 RN/L = 3.37 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.451	-4.030	2.20000	.02140	-.00060	.00340	-.04300	-.02180
-.447	-.113	2.20000	.04540	.00100	.00690	-.02840	-.01500
-.431	3.952	2.20000	.05970	.00150	.01030	-.01600	-.00700
	GRADIENT	.00000	.00605	.00026	.00086	.00338	.00185

RUN NO. 151/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.497	-.107	2.20000	.07950	.00320	.01270	-.04090	-.02830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A828 OTS(SRB=OFF MPS=OFF) (RE6055) (22 JAN 76)

REFERENCE DATA

SREF = 3690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 154/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.010	.000	1.55570	.00660	-.00080	.00090	.05780	.00480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 153/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.019	+4.082	1.55570	.02020	.00080	.00420	.03210	-.01690
.019	-.147	1.55570	.06140	.00290	.01070	.04130	-.01440
-.012	3.900	1.55570	.10290	.00630	.01750	.05030	-.00060
	GRADIENT	.00000	.01036	.00069	.00167	.00228	.00205

RUN NO. 152/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
+.065	-.165	1.55570	.11240	.00740	.02000	.02270	-.02360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A828 OTS(SRB=NOM MPS=NOM) (RE6056) (22 JAN 76)

REFERENCE DATA

SREF = 3690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 155/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
+.038	-.169	1.55570	.00800	-.00090	.00090	.05370	.00520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 156/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.005	+4.082	1.55570	.02190	.00070	.00420	.03050	-.01700
-.062	-.178	1.55570	.05980	.00260	.01030	.03800	-.01480
-.100	3.900	1.55570	.10460	.00670	.01750	.04470	-.00640
	GRADIENT	.00000	.01036	.00075	.00167	.00178	.00209

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (RE6056) (22 JAN 76)

REFERENCE DATA

SREF = 8890.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 157/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.048	-.140	1.55570	.11390	.00740	.02010	.02040	-.02380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (RE6057) (22 JAN 76)

REFERENCE DATA

SREF = 8890.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 158/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.882	-.095	2.00120	.00780	-.00090	.01060	.01000	.00670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 159/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.078	-4.0+0	2.00120	.01810	.00000	.00310	-.02300	-.01930
.335	-.130	2.00120	.04730	.00170	.00740	-.00900	-.01160
.312	3.8+5	2.00120	.07720	.00300	.01180	.00750	-.00150
	GRADIENT	.00000	.00740	.00038	.00109	.00382	.00223

RUN NO. 160/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.778	-.033	2.00120	.09540	.00470	.01390	-.02290	-.02740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC37-044-IIA828 OTS(SRB=NOM MPS=NOM) (RE6058) (22 JAN 76)

REFERENCE DATA

AMRP = 976.0000 IN. XT
BMRP = .0000 IN. YT
ZMRP = 400.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 161/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.[illegible]9	-.095	2.00120	.00750	-.00100	.00040	.00390	.00650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 162/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.245	-4.037	2.00120	.02020	-.00020	.00320	-.02400	-.01930
.245	-.130	2.00120	.04890	.00180	.00740	-.01240	-.01130
.245	3.945	2.00120	.07910	.00340	.01180	-.00120	-.00180
	GRADIENT	.00000	.00738	.00045	.00108	.00286	.00219

RUN NO. 163/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.461	-.093	2.00120	.08680	.00490	.01390	-.02570	-.02800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC37-044-IIA828 OTS(SRB=OFF MPS=OFF) (RE6059) (22 JAN 76)

REFERENCE DATA

[illegible] = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
[illegible] = [illegible] IN. YMRP = .0000 IN. YT
[illegible] = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = [illegible]

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 164/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.[illegible]	-.086	2.19950	.01410	.00030	.00130	-.00320	.00330
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 165/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.[illegible]	-4.030	2.19950	.03[illegible]0	.00040	.00340	-.04220	-.01540
.[illegible]	-.126	2.19950	.04810	.00160	.00680	-.02650	-.00980
.[illegible]	3.951	2.19950	.06[illegible]0	.00320	.01030	-.00840	-.00180
	GRADIENT	.00000	.00618	.00022	.00086	.00424	.00171

AR097-044-11A92B OTS(SRB=OFF MPS=OFF) (REC059) (22 JAN 76)

REFERENCE DATA

SREF = 8680.0000 SQ.FT. XMRP = 975.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 167/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
		2.1995	.07980	.00410	.01260	-.04080	-.02190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A92B OTS(SRB=NOM MPS=NOM) (RE6060) (22 JAN 76)

REFERENCE DATA

SREF = 8680.0000 SQ.FT. XMRP = 975.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 167/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.510	-.099	2.19950	.01420	.00030	.00120	-.00930	.00300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 168/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.51	-4.030	2.19950	.02230	.00020	.00330	-.04280	-.01530
-.53	-.136	2.19950	.03640	.00170	.00670	-.02870	-.00960
-.51	3.955	2.19950	.07080	.00250	.01020	-.01600	-.00220
	GRADIENT	.00000	.00507	.00029	.00086	.00335	.00164

RUN NO. 169/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.47	-.096	2.19950	.08020	.00430	.01250	-.04130	-.02190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC37-044-11A82B OTS(SRB=OFF MPS=OFF) (RE6061) (22 JAN 76)

REFERENCE DATA

[illegible] = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
[illegible] = [illegible] IN. YMRP = .0000 IN. YT
[illegible] = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.000

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 170/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.971	-.153	1.55520	.01280	-.00200	.00170	.01830	.00240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 171/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-4.038	-4.076	1.55520	.02330	-.00100	.00460	-.00880	-.01810
-4.015	-2.130	1.55520	.04310	.00010	.00780	-.00340	-.01960
-4.012	-.168	1.55520	.06510	.00110	.01120	.00140	-.01650
-4.008	1.893	1.55520	.08680	.00270	.01480	.00810	-.01060
-4.005	3.903	1.55520	.10850	.00500	.01820	.01380	-.00320
	GRADIENT	.00000	.01072	.00073	.00171	.00284	.00190

RUN NO. 172/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-4.135	-.137	1.55520	.11920	.00620	.02100	-.01560	-.02490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (RE6062) (22 JAN 76)

REFERENCE DATA

[illegible] = [illegible] SQ.FT. XMRP = 975.0000 IN. XT
[illegible] = [illegible] IN. YMRP = .0000 IN. YT
[illegible] = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.000

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 173/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-4.011	-.140	1.55520	.01170	-.00230	.00140	.01520	.00320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

AR097-044-11A82B OTS(SRB=NOM MPS=NOM) (RE6062) (22 JAN 76)

REFERENCE DATA

SREF = 6630.0000 SQ.FT. XMRP = 976.0000 IN. XT
BREF = [illegible] IN. YMRP = 0000 IN. YT
CREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
ALE = 1.00

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 174/ 0 RN/L = 4.12 GRADIENT INTERVAL = 5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.075	4.073	1.55620	.03490	-.00090	.00470	-.01970	-.01820
-.070	2.130	1.55620	.04360	-.00010	.00760	-.00460	-.01840
-.071	-.156	1.55620	.06560	.00140	.01110	.00000	-.01800
-.082	1.880	1.55620	.08510	.00290	.01440	.00550	-.01030
-.089	3.923	1.55620	.10900	.00500	.01810	.00940	-.00200
	GRADIENT		.01255	.00074	.00168	.00242	.00204

RUN NO. 175/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.055	-.140	1.55620	.11660	.00620	.02070	-.01660	-.02510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=OFF MPS=OFF) (RE6063) (22 JAN 76)

REFERENCE DATA

SREF = 6630.0000 SQ.FT. XMRP = 976.0000 IN XT
BREF = [illegible] IN. YMRP = .0000 IN. YT
CREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
ALE = 1.00

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.997	-.132	2.00070	.01020	-.00190	.00090	-.02020	.00570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 177/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.057	-4.027	2.00070	.02050	-.00120	.00340	-.05310	-.02020
.056	-2.082	2.00070	.03460	-.00070	.00560	-.04740	-.01630
.070	-.120	2.00070	.04950	.00030	.00770	-.03890	-.01210
.071	1.938	2.00070	.06560	.00120	.01010	-.02760	-.00690
.067	3.951	2.00070	.07940	.00160	.01200	-.01940	-.00230
	GRADIENT	.00000	.00745	.00038	.00109	.00437	.00227

ARC87-044-IIA82B OTS(SRB=OFF MPS=OFF) (RE6063) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.8000 IN. YMRP = .0000 IN. YT
BREF = 1690.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 179/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.450	-.035	2.00070	.00840	.00350	.01430	-.05050	-.02820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC87-044-IIA82B OTS(SRB=NOM MPS=NOM) (RE6064) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.8000 IN. YMRP = .0000 IN. YT
BREF = 1690.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 179/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.716	-.035	2.00070	.01010	-.00220	.00080	-.02440	.00580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 180/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-4.027	-4.027	2.00070	.02110	-.00150	.00340	-.05380	-.01970
-2.092	-2.092	2.00070	.03600	-.00070	.00560	-.04840	-.01580
-.180	-.180	2.00070	.05030	.00030	.00770	-.04020	-.01180
1.728	1.728	2.00070	.06600	.00140	.01000	-.03030	-.00690
3.951	3.951	2.00070	.08030	.00180	.01200	-.02540	-.00210
	GRADIENT	.00000	.00743	.00044	.00108	.00375	.00221

RUN NO. 181/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.450	-.093	2.00070	.00880	.00360	.01420	-.05200	-.02830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

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AR097-044-11A82B OTS(SRB=OFF MPS=OFF) (RE6065) (22 JAN 76)

REFERENCE DATA

PARAMETRIC DATA

SREF = 8690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1691.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 182 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.433	-.099	2.20050	.01520	-.00100	.00150	-.03020	.00260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 183/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.421	-4.017	2.20050	.05220	-.00070	.00350	-.06900	-.01550
.467	-2.015	2.20050	.03460	-.00020	.00530	-.06150	-.01340
.497	-.110	2.20050	.04690	.00030	.00700	-.05220	-.01020
.473	1.965	2.20050	.05920	.00080	.00860	-.04060	-.00720
.467	3.958	2.20050	.07150	.00090	.01040	-.03120	-.00270
	GRADIENT	-.00003	.00617	.00021	.00086	.00474	.00160

RUN NO. 184/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.603	-.065	2.20050	.08070	.00270	.01270	-.06350	-.02250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM MPS=NOM) (RE6065) (22 JAN 76)

REFERENCE DATA

PARAMETRIC DATA

SREF = 8690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1691.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE .0100

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 185 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.407	-.065	2.20050	.01590	-.00110	.00150	-.03350	.00260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (RE6066) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1191.8000 IN. YMRP = .0000 IN. YT
BREF = 1191.8000 IN. ZMRP = +00.0000 IN. ZT
SCALE = 0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 186/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
+.017	-4.017	2.20050	.02330	-.00100	.00350	-.05950	-.03520
+.033	-2.078	2.20050	.03560	-.00040	.00520	-.06280	-.03300
+.050	-.110	2.20050	.04790	.00040	.00690	-.05350	-.03980
+.067	1.954	2.20050	.06000	.00090	.00260	-.04140	-.03710
+.081	3.955	2.20050	.07240	.00110	.01040	-.03420	-.03310
	GRADIENT	-.00000	.00614	.00028	.00086	.00455	.00151

RUN NO. 187/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
+.047	-.085	2.20050	.08240	.00300	.01280	-.06440	-.02240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (RE6067) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1191.8000 IN. YMRP = .0000 IN. YT
BREF = 1191.8000 IN. ZMRP = +00.0000 IN. ZT
SCALE = 0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 188/ 0 RN/L = 4.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
+.006	-.160	1.55570	.01470	-.00310	.00200	-.00280	.00240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 189/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
+.016	-4.179	1.55570	.02550	-.00180	.00490	-.03040	-.01780
+.033	-2.171	1.55570	.03690	.00020	.01150	-.02810	-.01660
+.050	-.200	1.55570	.10980	.00400	.01840	-.00340	-.00300
	GRADIENT	-.00000	.01057	.00073	.00169	.00314	.00187

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (RE6067) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 190/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.128	-.144	1.55570	.12050	.00530	.02120	-.03530	-.02470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (RE6068) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 191/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-4.038	-.144	1.55570	.01430	-.00330	.00180	-.00520	.00310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 192/ 0 RN/L = 4.15 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.076	-4.079	1.55570	.02680	-.00210	.00500	-.03110	-.01800
-.075	-.171	1.55570	.06590	.00010	.01110	-.02100	-.01650
-.082	3.900	1.55570	.11090	.00410	.01840	-.00870	-.00210
	GRADIENT	-.00000	.01054	.00078	.00168	.00281	.00200

RUN NO. 193/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.008	-.140	1.55570	.11820	.00500	.02070	-.03600	-.02500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

APC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (RE6069) (22 JAN 76)

REFERENCE DATA

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = +00.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 194/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-2.080	-.092	2.00070	.01080	-.00290	.00110	-.03610	.00550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 195/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.084	+4.084	2.00070	.02120	-.00190	.00360	-.06980	-.01990
.084	-.123	2.00070	.05130	-.00040	.00800	-.05550	-.01200
4.084	3.948	2.00070	.08180	.00100	.01240	-.03370	-.00260
	GRADIENT	-.00000	.00760	.00036	.00110	.00453	.00217

RUN NO. 196/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-2.00	-.092	2.00070	.08960	.00270	.01450	-.06580	-.02790
	GRADIENT	.00000	.00000	.00000	00000	.00000	.00000

APC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (RE6070) (22 JAN 76)

REFERENCE DATA

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = +00.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 197/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-2.083	-.092	2.00070	.01280	-.00280	.00120	-.03920	.00560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.043	+4.037	2.00070	.02230	-.00210	.00360	-.07050	-.01920
.060	-.129	2.00070	.05230	-.00030	00800	-.05550	-.01130
4.044	3.945	2.00070	.08310	.00140	.01240	-.03770	- 00210
	GRADIENT	.00000	.00762	.00044	00110	.00411	.00214

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (RE6070) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.0

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 199/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.177	-.120	2.00070	.08850	.00260	.01410	-.06930	-.02820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (RE6071) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 203/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.377	-.101	2.20000	.01660	-.00140	.00170	-.04370	.00290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 204/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.599	-4.030	2.20000	.02330	-.00110	.00360	-.08290	-.01520
.603	-.110	2.20000	.04920	-.00010	.00710	-.06550	-.00950
.599	3.964	2.20000	.07370	.00050	.01070	-.04290	-.00230
	GRADIENT	-.00000	.00630	.00020	.00089	.00501	.00161

RUN NO. 205/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.177	-.107	2.20000	.09300	.00230	.01310	-.07630	-.02170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM MPS=NOM) (RE6072) (22 JAN 76)

REFERENCE DATA

SREF = 2640.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1632.7200 IN. YMRP = .0000 IN. YT
BREF = 1152.0000 IN. ZMRP = 400.0000 IN. ZT
DIA E = 1.00

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 202 0 RN/L = 3.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.407	-.101	2.20000	.01710	-.00190	.00160	-.04570	.00310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 201/ 0 RN/L = 3.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.838	-4.030	2.20000	.02390	-.00160	.00360	-.08420	-.01460
.553	-.113	2.20000	.04220	-.00030	.00700	-.06700	-.00920
.821	3.861	2.20000	.07310	.00030	.01050	-.04490	-.00250
	GRADIENT	.00000	.00617	.00024	.00086	.00492	.00152

RUN NO. 203/ 0 RN/L = 3.37 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-1.418	-.104	2.20000	.08290	.00210	.01290	-.07730	-.02140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=OFF MPS=OFF) (RE6072 (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
DIA E = [illegible]

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 206 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.881	-.156	1.55520	.01780	-.00350	.00280	-.00280	-.01050
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. [illegible]7/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
[illegible]	-4.092	1.55520	.03000	-.00160	.00590	-.03060	-.02980
[illegible]5	-.174	1.55520	.07100	.00030	.01240	-.02010	-.02840
[illegible]95	3.906	1.55520	.11490	.00390	.01950	-.00510	-.01490
	GRADIENT	-.00000	.01063	.00069	.00170	.00320	.00188

ARC37-044-11A82B OTS(SRB=OFF MPS=OFF) (RE6073) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.8000 IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = 0.010

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 2087 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.232	-.131	1.55520	.12410	.00540	.02200	-.03490	-.03560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC37-044-11A82B OTS(SRB=NOM MPS=NOM) (RE6074) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = [illegible]

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 2097 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.911	-.131	1.55520	.01810	-.00320	.00260	-.00480	-.00950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 210 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
[illegible]	[illegible]	1.55520	.03140	-.00160	.00590	-.03130	-.03080
[illegible]	-.174	1.55520	.07130	.00030	.01220	-.02140	-.02890
[illegible]	4.006	1.55520	.11470	.00400	.01930	-.00870	-.01480
	GRADIENT	-.00000	.01043	.00070	.00168	.00283	.00201

RUN NO. 2117 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.113	[illegible]	1.55520	.12360	.00540	.02180	-.03590	-.03670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (RE6075) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1930.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 212/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.656	-.083	2.00120	.01520	-.00210	.00180	-.03600	-.00350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 213/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.339	-4.034	2.00120	.02500	-.00120	.00420	-.06970	-.03050
.439	-.126	2.00120	.05490	.00010	.00870	-.05520	-.02180
.339	3.954	2.00120	.08610	.00140	.01320	-.03350	-.01040
	GRADIENT	-.00000	.00765	.00033	.00113	.00454	.00252

RUN NO. 214/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.538	-.083	2.00120	.09440	.00340	.01530	-.06520	-.03760
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (RE6076) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1930.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 215/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.592	-.083	2.00120	.01520	-.00250	.00170	-.03920	-.00340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 216/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.339	-4.031	2.00120	.02600	-.00140	.00420	-.07120	-.03020
.439	-.126	2.00120	.05560	.00010	.00860	-.05570	-.02100
.339	3.957	2.00120	.08720	.00170	.01320	-.03790	-.01010
	GRADIENT	-.00000	.00766	.00039	.00113	.00417	.00252

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (RE6076) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1230.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 217/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.451	-.083	2.00120	.09460	.00340	.01520	-.06750	-.03820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (RE6077) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1230.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 218/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.787	-.079	2.20050	.02070	-.00100	.00240	-.04450	-.00450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 219/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.078	-4.026	2.20050	.02640	-.00060	.00420	-.08350	-.02480
.527	-.113	2.20050	.05210	.00040	.00780	-.06580	-.01830
4.481	3.961	2.20050	.07780	.00080	.01150	-.04330	-.00900
	GRADIENT	.00000	.00643	.00017	.00091	.00504	.00198

RUN NO. 220/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.710	-.076	2.20050	.09610	.00260	.01370	-.07600	-.03090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

TABULATED SOURCE DATA - IA82B

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (RE6078) (22 JAN 76)

REFERENCE DATA

SREF = 7730.1110 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1040.3000 IN. YMRP = .0000 IN. YT
BREF = 1291.7710 IN. ZMRP = 400.0000 IN. ZT
DALP = .110

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 221/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.993	-.079	2.20050	.02050	-.00110	.00230	-.04680	-.00450
	GRADIENT		.00090	.00000	.00000	.00000	.00000

RUN NO. 222/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.494	-4.026	2.20050	.02840	-.00080	.00430	-.08460	-.02420
.507	-.082	2.20050	.05310	.00050	.00780	-.06510	-.01660
.528	3.955	2.20050	.07780	.00090	.01130	-.04530	-.00920
	GRADIENT		.00000	.00619	.00021	.00088	.00492	.00188

RUN NO. 223/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.987	-.082	2.20050	.08760	.00290	.01370	-.07710	-.03050
	GRADIENT		.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (RE6079) (22 JAN 76)

REFERENCE DATA

SREF = 7730.1110 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1040.3000 IN. YMRP = .0000 IN. YT
BREF = 1291.7710 IN. ZMRP = 400.0000 IN. ZT
DALP = .110

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 224/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.985	-.147	1.55570	.01550	-.00320	.00250	.01440	-.00890
	GRADIENT		.00000	.00000	.00000	.00000	.00000

RUN NO. 225/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.005	-4.088	1.55570	.02830	-.00170	.00580	-.01240	-.02840
.016	-.181	1.55570	.06720	.00030	.01190	-.00210	-.02690
.034	3.837	1.55570	.11230	.00400	.01920	.01000	-.01380
	GRADIENT		-.00000	.01052	.00072	.00168	.00281	.00184

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (RE6079) (22 JAN 76)

REFERENCE DATA

SREF = 6690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.0000

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 226/ 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
+.2+5	-.144	1.55570	.11920	.00500	.02130	-.01820	-.03420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (RE6080) (22 JAN 76)

REFERENCE DATA

SREF = 6690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.0000

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 227/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.2+5	-.144	1.55570	.01470	-.00330	.00230	.01110	-.00840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 228/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
[illegible]	-.738	1.55570	.02570	-.00190	.00530	-.01340	-.02940
[illegible]	-.181	1.55570	.08680	.00000	.01170	-.00390	-.02710
.198	3.837	1.55570	.11120	.00400	.01880	.00590	-.01350
	GRADIENT	.00000	.01158	.00074	.00169	.00242	.00200

RUN NO. 229/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
[illegible]	-.137	1.55570	.11990	.00520	.02130	-.01940	-.03490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1!A82B OTS(SRB=OFF MPS=OFF) (REC081) (22 JAN 76)

REFERENCE DATA

SREF = 8690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LALF = 1390.3000 IN. YMRP = .0000 IN. YT
LNOF = 1390.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 230/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-2.000	-.035	2.00070	.01210	-.00270	.00150	-.02250	-.00220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 231 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.971	-4.037	2.00070	.02200	-.00180	.00390	-.05540	-.02920
4.027	-.132	2.00070	.05150	-.00030	.00830	-.04150	-.02060
4.031	3.945	2.00070	.08250	.00120	.01280	-.02160	-.00890
	GRADIENT	.00000	.00758	.00038	.00111	.00424	.00255

RUN NO. 232/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
1.970	-.092	2.00070	.09030	.00300	.01490	-.05240	-.03620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1!A82B OTS(SRB=NOM MPS=NOM) (REC082) (22 JAN 76)

REFERENCE DATA

SREF = 8690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LALF = 1390.3000 IN. YMRP = .0000 IN. YT
LNOF = 1390.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 233/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-2.000	-.035	2.00070	.01230	-.00270	.00140	-.02690	-.00210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 234 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
1.971	-4.040	2.00070	.02390	-.00170	.00400	-.05660	-.02910
4.027	-.132	2.00070	.05160	-.00030	.00810	-.04280	-.01990
4.031	3.945	2.00070	.08360	.00150	.01280	-.02770	-.00890
	GRADIENT	.00000	.00749	.00040	.00110	.00362	.00253

TABULATED SOURCE DATA - IA82B

ARC97-044-1:IA82B OTS(SRB=NOM MPS=NOM) (RE6082) (22 JAN 76)

REFERENCE DATA

SREF = 6610.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1040.0000 IN. YMRP = .0000 IN. YT
BREF = 1040.0000 IN. ZMRP = 400.0000 IN. ZT
DELTA = .000

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 2351 RMAL = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.034	-.032	2.00070	.09120	.00300	.01480	-.05450	-.03650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1:IA82B OTS(SRB=OFF MPS=OFF) (RE6083) (22 JAN 76)

REFERENCE DATA

SREF = 6610.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1040.0000 IN. YMRP = .0000 IN. YT
BREF = 1040.0000 IN. ZMRP = 400.0000 IN. ZT
DELTA = .00

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 2381 RMAL = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.917	-.045	2.00000	.01810	-.00120	.00210	-.03280	-.00300
	GRADIENT	1.0000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2371 RMAL = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.951	-.042	2.00000	.00430	-.00100	.00400	-.07020	-.02360
-.952	-.166	2.00000	.00000	.00010	.00760	-.05430	-.01700
2.048	-.042	2.00000	.02020	.00050	.01120	-.03320	-.00750
	GRADIENT	1.0000	.00537	.00019	.00090	.00464	.00202

RUN NO. 2381 RMAL = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
1.049	-.042	2.00000	.01240	.00230	.01350	-.06460	-.02340
	GRADIENT	.0000	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS(SRB=NOM MPS=NOM) (RE3084) (22 JAN 78)

REFERENCE DATA

SREF = 2030.1000 SQ.FT. XMRP = 975.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
HREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
DTABLE = 0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 239/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.403	-.085	2.20000	.01890	-.00140	.00210	-.03620	-.00300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 240/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.498	-4.030	2.20000	.02620	-.00120	.00400	-.07150	-.02300
.800	-.126	2.20000	.04990	.00000	.00740	-.05560	-.01610
.5.1	3.985	2.20000	.07540	.00070	.01110	-.03670	-.00780
	GRADIENT	.00000	.00616	.00024	.00089	.00436	.00190

RUN NO. 241/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.783	-.082	2.20000	.08450	.00250	.01340	-.06550	-.02900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (RE3095) (22 JAN 78)

REFERENCE DATA

SREF = 2030.1000 SQ.FT. XMRP = 975.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
HREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
DTABLE = 0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 248/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-4.001	-.159	1.55520	.00440	-.00050	.00090	.00850	-.00620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 249/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.170	-4.079	1.55520	.01790	.00040	.00420	.05780	-.02950
-.001	-.171	1.55520	.05920	.00310	.01060	.06320	-.02500
-.048	3.897	1.55520	.10080	.00670	.01750	.06920	-.01170
	GRADIENT	-.00000	.01039	.00079	.00167	.00143	.00211

ARC97-044-IIA82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (RE6085) (22 JAN 76)

REFERENCE DATA

SREF = 2830.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1490.3000 IN. YMRP = .0000 IN. YT
BREF = 1291.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

R.N. NO. 250/ 0 RN/L = 4.04 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.002	-.165	1.00520	.11070	.00750	.02010	.04570	-.03460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (RE6086) (22 JAN 76)

REFERENCE DATA

SREF = 2830.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1490.3000 IN. YMRP = .0000 IN. YT
BREF = 1291.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

R.N. NO. 242/ 0 RN/L = 3.62 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.663	-.039	2.00120	.00380	-.00120	.00030	.00520	-.00090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

R.N. NO. 243/ 0 RN/L = 3.63 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.035	-4.037	2.00120	.01610	-.00070	.00300	-.00130	-.02830
.036	-.183	2.00120	.04440	.00130	.00720	.00960	-.01930
.038	3.9+5	2.00120	.07460	.00300	.01160	.01760	-.00770
	GRADIENT	.00000	.00733	.00046	.00108	.00237	.00258

R.N. NO. 244/ 0 RN/L = 3.61 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.158	-.114	2.00120	.02230	.00020	.00370	-.00150	-.03550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1(A82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (RE6087) (22 JAN 76)

REFERENCE DATA

PARAMETRIC DATA

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 400.0000 IN. ZT

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 2+67 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
+2.00	-.10+	2.20090	.01130	-.00010	.00110	.01030	-.00280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2+67 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
+04	+4.026	2.20050	.01950	-.00030	.00320	-.02180	-.02270
+02	-.113	2.20050	.04330	.00130	.00660	-.00940	-.01560
+04	3.952	2.2005	.06770	.00210	.01010	-.00030	-.00720
	GRADIENT	.00000	.00504	.00030	.00086	.00269	.00134

RUN NO. 2+67 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
+2.00	-.110	2.20050	.00640	.00370	.01230	-.02270	-.03660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1(A82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (RE6088) (22 JAN 76)

PARAMETRIC DATA

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 400.0000 IN. ZT

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 2617 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
+2.00	-.140	1.55020	.00460	-.00030	.00090	.00170	-.00610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 262 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
+2.00	+4.085	1.55020	.01710	.00060	.00410	.05810	-.02680
+04	.071	1.55020	.06760	.01320	.01050	.06100	-.02810
+2.00	3.900	1.55020	.10160	.00710	.01760	.07060	-.01180
	GRADIENT	.00000	.01058	.00081	.00169	.00159	.00214

DATE 08 FEB 76 TABULATED SOURCE DATA - IA82B

ARC97-044-IIA82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (RE6088) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1293.3000 IN. YMRP = .0000 IN. YT
BREF = 1293.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 253/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.105	-.137	1.55620	.11150	.00790	.02020	.04620	-.03460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (PE6089) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1293.3000 IN. YMRP = .0000 IN. YT
BREF = 1293.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 254/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.651	-.089	2.00030	.00630	-.00020	.00050	.02710	-.00120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 255/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.310	-4.033	2.00030	.01800	.00030	.00320	-.00080	-.02650
.356	-.123	2.00030	.04630	.00220	.00740	.00980	-.01930
.376	3.945	2.00030	.07700	.00380	.01190	.02050	-.00810
	GRADIENT	-.00000	.00740	.00044	.00109	.00267	.00256

RUN NO. 256/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-1.475	-.089	2.00030	.03540	.00530	.01410	-.00270	-.03570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (RE5090) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1090.3000 IN. YMRP = .0000 IN. YT
BREF = 1090.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 2.200 PT = 30.700

RUN NO. 257/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.973	-.085	2.20050	.01260	.00080	.00130	.01250	-.00270
	GRADIENT		.00000	.00000	.00000	.00000	.00000

RUN NO. 258/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.468	-4.030	2.20050	.02070	.00070	.00330	-.02150	-.02280
.503	-.119	2.20050	.04490	.00210	.00680	-.00790	-.01570
.514	3.952	2.20050	.06960	.00280	.01030	.00260	-.00730
	GRADIENT		.00000	.00613	.00026	.00088	.00302	.00194

RUN NO. 259/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.083	-.085	2.20050	.07970	.00460	.01270	-.02230	-.02890
	GRADIENT		.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+DRAG RING(SRB=OFF MPS=OFF) (RE6091) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1090.3000 IN. YMRP = .0000 IN. YT
BREF = 1090.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 1.550 PT = 30.700

RUN NO. 278/ 0 RN/L = 4.04 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.916	-.144	1.55570	.00640	.00010	.00120	.08430	-.00780
	GRADIENT		.00000	.00000	.00000	.00000	.00000

RUN NO. 279/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.08	-4.085	1.55570	.01890	.00140	.00440	.05840	-.02860
.60	-.171	1.55570	.06040	.00330	.01110	.06560	-.03570
.58	3.697	1.55570	.10320	.00700	.01800	.07390	-.01270
	GRADIENT		-.00000	.01057	.00070	.00170	.00194	.00200

ARC97-044-IIA82B OTS+DRAG RING(SRB=OFF MPS=OFF) (RE5091) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 280/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.195	-.137	1.55570	.11320	.00790	.02060	.04800	-.03400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+DRAG RING(SRB=NOM MPS=NOM) (RE6092) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 281/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.982	-.140	1.55570	.00770	.00020	.00130	.07950	-.00650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 282/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.028	-4.085	1.55570	.02010	.00110	.00440	.05570	-.02860
-.028	-.171	1.55570	.00060	.00330	.01090	.06230	-.02540
-.028	3.997	1.55570	.10240	.00690	.01770	.06690	-.01130
	GRADIENT	-.00000	.01034	.00073	.00167	.00140	.00218

RUN NO. 283/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.028	-.165	1.55570	.11270	.00780	.02030	.04470	-.03450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (RE6093) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1200.3000 IN. YMRP = .0000 IN. YT
BREF = 1200.3000 IN ZMRP = 400.0000 IN. ZT
DTA F = 0.00

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 284/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-4.038	-.162	1.55570	.01040	-.00050	.00150	.06760	-.00640
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 285/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-.045	4.085	1.55570	.02680	.00090	.00520	.05030	-.02880
-.032	-.171	1.55570	.06320	.00300	.01110	.05380	-.02540
-.052	3.897	1.55570	.10310	.00680	.01770	.05000	-.01020
	GRADIENT	-.00000	.00956	.00074	.00157	-.00004	.00234

RUN NO. 286/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.008	-.169	1.55570	.11580	.00830	.02060	.03710	-.03470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+DRAG RING(SRB=OFF MPS=OFF) (RE6094) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1200.3000 IN. YMRP = .0000 IN. YT
BREF = 1200.3000 IN ZMRP = 400.0000 IN. ZT
DTA F = 0.00

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 269/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.997	.092	2.00030	.00480	-.00040	.00050	.03160	-.00240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.270	-4.036	2.00030	.01640	.00040	.00310	-.00050	-.02900
.273	-.123	2.00030	.04600	.00210	.00750	.01240	-.02040
.273	3.945	2.00030	.07600	.00330	.01190	.02580	-.00910
	GRADIENT	-.00000	.00747	.00036	.00110	.00330	.00250

ARC97-044-1IA82B OTS+DRAG RING(SRB=OFF MPS=OFF) (RE6094) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 271/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.529	-.089	2.00030	.08460	.00490	.01410	-.00220	-.03620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+DRAG RING(SRB=NOM MPS=NOM) (RE6095) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 272/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.624	-.095	2.00030	.00620	-.00050	.00050	.02550	-.00200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 273/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.050	-4.033	2.00030	.01850	.00300	.00320	-.00160	-.02850
.333	-.123	2.00030	.02620	.00180	.00740	.00920	-.01920
.317	3.345	2.00030	.07630	.00350	.01180	.01710	-.00870
	GRADIENT	-.00000	.00723	.00044	.00108	.00234	.00250

RUN NO. 274/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
4.475	-.092	2.00030	.08580	.00520	.01410	-.00510	-.03610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1;IA82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (RE6096) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 275/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.584	-.095	2.00030	.01130	-.00090	.00100	.01050	-.00290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 276/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.306	-4.033	2.00030	.02730	-.00060	.00420	-.00590	-.02300
.339	-.173	2.00030	.04930	.00160	.00760	-.00150	-.02000
.317	3.945	2.00030	.07710	.00350	.01180	-.00190	-.01080
	GRADIENT	-.00000	.00625	.00051	.00095	.00050	.00228

RUN NO. 277/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.476	-.089	2.00030	.08640	.00470	.01410	-.01080	-.03650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1;IA82B OTS+DRAG RING(SRB=OFF MPS=OFF) (RE6097) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 260/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.550	-.092	2.20050	.00910	.00010	.00100	.01770	-.00340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 261/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.146	-4.026	2.20050	.01740	.00030	.00300	-.02100	-.02310
.213	-.116	2.20050	.04220	.00160	.00660	-.00580	-.01630
.186	3.952	2.20050	.06560	.00210	.01000	.00850	-.00780
	GRADIENT	.00000	.00617	.00022	.00088	.00371	.00192

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (RE6097) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1891.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 262/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.710	-.082	2.20050	.07670	.00390	.01250	-.02160	-.02900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=NOM MPS=NOM) (RE6098) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1891.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 263/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.717	-.085	2.20050	.01090	.00010	.00110	.01180	-.00280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.928	-4.026	2.20050	.01940	-.00010	.00310	-.02160	-.02260
.[illegible]40	-.116	2.20050	.04280	.00160	.00650	-.00930	-.01580
.934	3.952	2.20050	.06740	.00240	.01000	-.00070	-.00770
	GRADIENT	.00000	.00602	.00031	.00086	.00262	.00187

RUN NO. 265/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
+.837	-.082	2.20050	.07850	.00410	.01260	-.02290	-.02900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (RE6099) (2[illegible] JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1830.3000 IN. YMRP = .0000 IN. YT
DMEF = 1830.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 266/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
-3.417	-.092	2.20050	.01760	-.00030	.00170	-.00310	-.00470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
.494	-4.030	2.20050	.02980	-.00020	.00420	-.02710	-.02310
.547	-.116	2.20050	.04740	.00140	.00690	-.01880	-.01650
.598	3.982	2.20050	.07060	.00140	.01030	-.01320	-.01350
	GRADIENT	.00000	.00512	.00033	.00076	.00174	.00120

RUN NO. 268/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	CNW	CTMW	CBMW	CHEI	CHEO
+ 867	-.082	2.20050	.03090	.00400	.01270	-.03200	-.02940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS(SRB=OFF MPS=OFF) (AE6028) (22 JAN 76)

REFERENCE DATA

[illegible] = [illegible] XMRP = 976.0000 IN. XT
[illegible] = [illegible] YMRP = .0000 IN. YT
[illegible] = [illegible] ZMRP = 400.0000 IN. ZT
[illegible] = [illegible]

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 113/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

[illegible]	[illegible]	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
[illegible]	[illegible]	[illegible]	-.05380	-.01350	-.00110	-.00790	.01770	.05830	.06030	.03480	-.02310
	[illegible]	[illegible]	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS(SRB=OFF MPS=OFF) (AE6028) (22 JAN 76)

REFERENCE DATA

SREF = 6891.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1680.3000 IN. YMRP = .0000 IN. YT
AMRP = 1231.7000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 1147 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
[illegible]	[illegible]	[illegible]	-.13620	-.05270	-.02500	-.03740	-.02950	-.00640	.00630	-.01860	-.07390
[illegible]	[illegible]	[illegible]	-.17640	-.05230	-.01160	-.01450	-.01240	-.01470	-.00780	-.03230	-.06200
[illegible]	[illegible]	[illegible]	-.16950	-.04360	-.00600	.00450	.00080	-.05410	-.03240	-.04320	-.06000
[illegible]	[illegible]	[illegible]	-.15930	-.02490	.01390	.02210	.01240	-.06030	-.03090	-.02690	-.04600
[illegible]	[illegible]	[illegible]	-.11980	.00370	.02990	.03300	.02830	-.08160	-.03700	-.01440	-.04070
GRAD ENT		.00158	.00860	.00704	.00677	.00896	.00701	-.00979	-.00546	.00073	.00412

RUN NO. 1157 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
[illegible]	[illegible]	[illegible]	-.18380	-.08650	-.02330	-.00690	-.03200	-.11490	-.09810	-.09550	-.11040
GRAD ENT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS(SRB=NOM- MPS=NOM) (AE6029) (22 JAN 76)

REFERENCE DATA

SREF = 6891.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1680.3000 IN. YMRP = .0000 IN. YT
AMRP = 1231.7000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 1197 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
[illegible]	[illegible]	[illegible]	-.06100	-.01230	-.00220	-.00810	.01880	.06150	.05540	.04040	-.02030
GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1207 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
[illegible]	[illegible]	[illegible]	-.09290	-.03160	-.02280	-.03700	-.02910	.00120	.01060	-.01620	-.07000
[illegible]	[illegible]	[illegible]	-.12210	-.00270	.00520	.00280	.04480	-.02950	-.03970	-.05350
[illegible]	[illegible]	[illegible]	-.10740	.03230	.03420	.02930	-.07580	-.03150	-.01050	-.03600
[illegible]	[illegible]	[illegible]	.00902	.00694	.00691	.00890	.00730	-.00962	-.00526	.00076	.00425

JAN 78 FEB 76 TABULATED SOURCE DATA - IA82B (AE60 22 JAN 76)

ARC97-044-11A82B OTS(SRB=NOM- MPS=NOM)

REFERENCE DATA

SREF = 0.6300 0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = .01 0000 IN. YMRP = .0000 IN. YT
BREF = .00 0000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .100

PARAMETRIC

ELV-IB = .000 ELV-CB = .000
MACH = 1.550 PT = 30.700

RUN NO. 1217 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
[illegible]	[illegible]	[illegible]	-.18970	-.06540	-.02130	-.00590	-.03060	-.11050	-.09250	-.09810	-.10450
	ADJACENT	.000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM)

(AE60300) (22 JAN 76)

REFERENCE DATA

SREF = .6300 0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = .01 0000 IN. YMRP = .0000 IN. YT
BREF = .00 0000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 1.550 PT = 30.700

RUN NO. 1167 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP160
[illegible]	[illegible]	.28500	-.06180	-.01230	-.00040	-.00810	.01740	.06110	.06330	.03760	-.02040
	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1177 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP160
[illegible]	[illegible]	.18360	-.12410	-.05190	-.02150	-.03760	-.02910	-.00030	.00870	-.01457	-.00990
[illegible]	[illegible]	.21540	-.13780	-.05160	-.01180	-.01530	-.01090	-.00710	-.00240	-.00740	-.00810
[illegible]	[illegible]	.21540	-.13100	-.04270	-.00230	.00500	.00200	-.04460	-.02910	-.03861	-.05360
[illegible]	[illegible]	.23190	-.14270	-.04490	.01460	.02180	.01280	-.05220	-.02680	-.02456	-.04160
[illegible]	[illegible]	.23190	-.12350	-.03440	.03260	.03380	.03010	-.07360	-.02980	-.01047	-.03357
	ADJACENT	.00991	.00782	.00714	.00674	.00998	.00710	-.00959	-.00505	.00[illegible]	.00447

RUN NO. 1187 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP160
[illegible]	[illegible]	[illegible]	-.19090	-.06310	-.02100	-.00630	-.03080	-.10780	-.09180	-.09981	-.10360
	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B CTS(SRB=NOM+ MPS=NOM) (AE6031) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1130.8000 IN. YMRP = .0000 IN. YT
BREF = 1130.8000 IN. ZMRP = 400.0000 IN. ZT
D A E = .0000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 124/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.085	-.169	.28930	-.06040	-.01330	.00210	-.00810	.01850	.06330	.06390	.03990	-.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 123/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.068	-.147	.28740	-.05750	-.01230	-.00220	-.00700	.01920	.06280	.06420	.04100	-.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 123/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.05	-4.035	.28890	-.05620	-.05800	-.02500	-.03740	-.02940	.00270	.00950	-.01590	-.06780
-.05	-.171	.81070	-.16930	-.04830	-.00240	.00490	.00170	-.04030	-.02790	-.03830	-.05210
4.03	3.803	.38750	-.11240	.00480	.02990	.03350	.03030	-.06760	-.02780	-.03870	-.03060
	GRADIENT	.01415	.00351	.00714	.00688	.00985	.00747	-.00879	-.00464	.00094	.00466

ARC97-044-11A82B CTS(SRB=NOM++ MPS=NOM) (AE6032) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1130.8000 IN. YMRP = .0000 IN. YT
BREF = 1130.8000 IN. ZMRP = 400.0000 IN. ZT
D A E = .0000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 125/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.068	-.147	.28930	-.05870	-.01170	-.00070	-.00580	.01990	.06250	.06230	.03770	-.01590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 126/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.05	-4.035	.28930	-.05850	-.04970	-.02030	-.03550	-.02860	.00410	.00510	-.01810	-.06400
-.05	-.169	.81190	-.16910	-.04190	-.00390	.00640	.00380	-.02670	-.02530	-.03570	-.04860
4.03	3.805	.38780	-.11240	.01540	.02950	.03490	.03120	-.05730	-.02430	-.03470	-.02360
	GRADIENT	.01477	.00317	.00693	.00624	.00895	.00748	-.00768	-.00365	.00172	.00503

ARC97-044-1IA82B OTS(SRB=NOM++ MPS=NOM) (AE6032) (22 JAN 76)

REFERENCE DATA

SREF = 8690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 1.550 PT = 30.700

RUN NO. 127/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.018	-.183	.17810	-.18960	-.06050	-.01970	-.00470	-.02790	-.08360	-.07990	-.08050	-.08610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=NOM MPS=NOM-) (AE6033) (22 JAN 76)

REFERENCE DATA

SREF = 8691.0000 SQ.FT. XMRP = 975.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 1.550 PT = 30.700

RUN NO. 128/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.018	-.185	.27070	-.05920	-.01230	-.00250	-.00750	.02000	.06330	.06580	.04200	-.01750
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 129/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.018	-.188	.18080	-.19300	-.05140	-.02220	-.03570	-.02890	.00230	.00950	-.01540	-.07020
-2.020	-.188	.21050	-.16980	-.04160	-.00500	.00570	.00310	-.04370	-.02680	-.03770	-.05300
-.021	-.186	.23810	-.12200	.00470	.03320	.03540	.03000	-.07380	-.03090	-.00930	-.03400
	GRADIENT	.01348	.00891	.00705	.00695	.00889	.00737	-.00951	-.00503	.00081	.00453

RUN NO. 130/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.018	-.171	.17810	-.18830	-.06180	-.01920	-.00560	-.02900	-.10650	-.08950	-.08840	-.10190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

TABULATED SOURCE DATA - IA828

AP097-044-11A828 OTS(SRB=NOM MPS=NOM+) (AE6034) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 1.550 PT = 30.700

RUN NO. 131/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.018	-.1165	.180360	-.08180	-.01240	.00040	-.00770	.01850	.06300	.06480	.04160	-.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 132/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.018	-4.082	.18240	-.13290	-.04990	-.02300	-.03680	-.02930	.00330	.01160	-.01440	-.06860
-4.018	-.1165	.18120	-.16890	-.04330	-.00230	.00590	.00290	-.04160	-.02720	-.03600	-.05220
-4.018	3.8670	.18000	-.13100	-.00350	.03800	.03460	.03070	-.07110	-.03840	-.00960	-.03230
	GRADIENT	.01560	.00902	.00859	.00639	.00891	.00751	-.00937	-.00498	.00066	.00488

RUN NO. 133/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.018	-.1171	.17480	-.19720	-.06030	-.02150	-.00470	-.02930	-.10310	-.08950	-.08790	-.10160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP097-044-11A828 OTS(SRB=OFF MPS=OFF) (AE6035) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 2.000 PT = 30.700

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.018	-.1165	.17960	-.04440	-.01140	.00630	.01130	.02700	.01690	.02220	.01820	-.00340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

TABULATED SOURCE DATA - IA828

AR097-044--IA828 OTS(SRB=OFF MPS=OFF)

REFERENCE DATA

SREF = 3080.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 880.9000 IN. YMRP = .0000 IN. YT
BREF = 880.9000 IN. ZMRP = 400.0000 IN. ZT
DORIG = .0000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 937 0 RNVL = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
0	-5.00	[illegible]	-.09600	-.04380	-.08310	-.05850	-.02990	-.03440	-.04380	-.04080	-.05700
[illegible]	[illegible]	[illegible]	-.04860	-.03270	-.08950	-.06450	-.01970	-.02820	-.03540	-.03750	-.06520
[illegible]	[illegible]	[illegible]	-.03810	-.03820	-.09100	-.06930	-.00770	-.03990	-.03170	-.03170	-.04990
[illegible]	[illegible]	[illegible]	-.04410	-.03480	-.08940	-.05690	.00250	-.02730	-.02850	-.02810	-.03570
5	5.00	34880	.00470	-.05090	-.05220	-.04890	.01950	-.03690	-.01800	-.01870	-.01040
CP160 EXT		.00349	.00183	.00530	.00363	.00181	.00605	-.00042	.00349	.00348	.00565

RUN NO. 947 0 RNVL = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
0	0	[illegible]	-.00780	-.01140	-.08530	-.09970	-.01840	-.02340	-.03880	-.04080	-.05160
CP160 EXT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044--IA828 OTS(SRB=NOM- MPS=NOM)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
DORIG = .0000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 887 0 RNVL = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
[illegible]	[illegible]	[illegible]	-.04670	-.00980	.00440	.01200	.02910	.02110	.02670	.02170	.00160
[illegible]	[illegible]	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 897 0 RNVL = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
[illegible]	[illegible]	[illegible]	-.01140	-.08070	-.06010	-.03900	[illegible]	[illegible]	[illegible]	[illegible]	-.05400
[illegible]	[illegible]	[illegible]	-.04780	-.02100	-.00240	-.00780	-.04863	-.02880	-.03020	-.04840	
[illegible]	[illegible]	[illegible]	-.00690	-.05220	-.04590	.01990	[illegible]	-.00440	-.01210	-.01870	
[illegible]	[illegible]	[illegible]	.00169	.00361	.00180	.00686	[illegible]	.00345	.00462	.00897	

ARC97-044-1 IA828 OTS(SRB=NOM- MPS=NOM) (AE6036) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.0000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 100/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.423	-.038	.28320	-.07550	-.12180	-.12450	-.10350	-.01990	-.05110	-.05440	-.04590	-.06030
	GRADIENT	10.000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1 IA828 OTS(SRB=NOM MPS=NOM) (AE6037) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.0000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 95/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.647	-.038	.28320	-.07570	-.12180	.00390	.01170	.02900	.01960	.02460	.02050	.00110
	GRADIENT	10.000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 96/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP171	CP172	CP173	CP174	CP175	CP176	CP177	CP178	CP179	CP180
.477	-.038	.28320	-.07560	-.12180	-.07820	-.05760	-.02950	-.02840	-.04050	-.03900	-.05250
.977	-.038	.28320	-.07560	-.12180	-.08430	-.06050	-.01960	-.02790	-.03570	-.03430	-.05020
1.477	-.038	.28320	-.07560	-.12180	-.08870	-.06610	-.01560	-.03300	-.02910	-.02990	-.04770
1.977	.038	.28320	-.07560	-.12180	-.09440	-.06830	.00230	-.03210	-.01830	-.01150	-.03310
2.477	.038	.28320	-.07560	-.12180	-.09830	-.07050	-.04420	.02190	-.03220	-.01250	.01400
	GRADIENT	10.000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 97/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP181	CP182	CP183	CP184	CP185	CP186	CP187	CP188	CP189	CP190
4.423	-.038	.28320	-.07550	-.12180	-.12320	-.10440	-.02070	-.04740	-.05330	-.04570	-.05880
	GRADIENT	10.000	.00000	.00000	.00000	.00000	.00000	.0000.	.00000	.00000	.00000

AP097-044-11A82B OTS(SRB=NOM+ MPS=NOM)

(AE6038) (22 JAN 76)

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 1017 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
		-.01120	.00350	.01220	.03110	.02210	.02540	.02210	.00280
		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1018 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
		-.09900	-.07980	-.05800	-.02910	-.02410	-.04010	-.03740	-.04970
		-.08070	-.08590	-.06540	-.00600	-.02800	-.02740	-.02820	-.04480
		-.04670	-.05280	-.04610	.02080	-.02970	-.01250	.01320	-.00320
		.00330	.00341	.00151	.00624	-.00070	.00345	.00536	.00585

RUN NO. 1019 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
		-.11840	-.16590	-.10200	-.01810	-.03980	-.04910	-.04320	-.05220
		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS(SRB=NOM++ MPS=NOM)

(AE6039) (22 JAN 76)

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 1020 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
		-.11710	.00670	.01370	.03290	.02560	.02320	.02160	.00500
		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1021 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
		-.10040	-.16560	-.00520	-.00780	-.03520	-.03540	-.03670
		-.08040	-.16560	-.00520	-.00780	-.02230	-.02510	-.03350
		-.04660	-.04590	.01360	-.01410	-.00750	.01570	.00850
		.00347	.00137	.00587	-.00172	.00347	.00642	.00585

(AE6039) (22 JAN 76)

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

R.N. NO. 10E 6 AN L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

					CP154	CP155	CP156	CP157	CP158	CP159	CP160
					-.18170	-.10060	-.01730	-.02300	-.04090	-.03830	-.03500
					.00000	.00000	.00000	.00000	.00000	.00000	.00000

(AE6040) (22 JAN 76)

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

R.N. NO. 10F 6 AN L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

					CP154	CP155	CP156	CP157	CP158	CP159	CP160
					.00130	.00930	.02860	.02110	.02550	.02090	.00140
					.00000	.00000	.00000	.00000	.00000	.00000	.00000

R.N. NO. 10G 6 AN L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

					CP154	CP155	CP156	CP157	CP158	CP159	CP160
						-.05190	-.02990	-.03140	-.04270	-.04020	-.05410
						-.07030	-.00720	-.03530	-.02980		-.04760
						-.04690	.01890	-.03370	-.01340	.01330	-.00660
						.00141	.00610	-.00028	.00367	.00672	.00597

R.N. NO. 10H 6 AN L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

					CP154	CP155	CP156	CP157	CP158	CP159	CP160
					-.18600	-.10300	-.01720	-.04600	-.05080	-.04270	-.05780
					.00000	.00000	.00000	.00000	.00000	.00000	.00000

(AE6041) (22 JAN 76)

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RNVL = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
	-.01450	.00480	.01050	.02960	.02300	.02570	.02240	.00360
	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RNVL = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
	-.11000	-.08400	-.05830	-.02840	-.02680	-.04060	-.03800	-.05070
	-.09100	-.08630	-.06810	-.00660	-.03100	-.02810	-.02860	-.04560
	-.08180	-.05320	-.04620	.02070	-.03030	-.01190	.01350	-.00510
	.00681	.01388	.00167	.00615	-.00043	.00359	.00647	.00574

RNVL = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
	-.13790	-.12650	-.10420	-.01750	-.04200	-.04920	-.04270	-.05540
	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

(AE6042) (22 JAN 76)

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RNVL = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
	-.04460	-.03430	-.01420	.01250	.00110	.00110	.00130	-.01620
	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR087-044-11A82B OTS(SRB=OFF MPS=OFF) (AE6042) (22 JAN 76)

REFERENCE DATA

SREF = 6600.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1641.0000 IN. YMRP = .0000 IN. YT
BREF = 1040.0000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 72/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.00	5.00	-.03320	-.07340	-.09260	-.09660	-.07950	-.03770	-.04770	-.05470	-.05100	-.06600
-2.00	5.00	-.03410	-.08330	-.09830	-.09150	-.07520	-.03360	-.04710	-.05210	-.04610	-.06440
.00	5.00	-.03760	-.08130	-.09610	-.08510	-.07650	-.02530	-.04820	-.04380	-.03840	-.05360
2.00	5.00	-.03760	-.08120	-.09030	-.07150	-.07300	-.01570	-.03210	-.03310	-.02310	-.03640
4.00	5.00	-.03460	-.07600	-.08980	-.04940	-.05530	-.00410	-.03740	-.03570	-.01080	-.02260
DELTA	DELTA	.00486	.01108	.00675	.00573	.00254	.00426	.00179	.00285	.00517	.00575

RUN NO. 73/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.00	5.00	-.04610	-.06230	-.08620	-.10110	-.09690	-.03820	-.04970	-.06260	-.05440	-.05920
DELTA	DELTA	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR087-044-11A82B OTS(SRB=NOM- MPS=NOM) (AE6043) (22 JAN 76)

REFERENCE DATA

SREF = 6600.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1641.0000 IN. YMRP = .0000 IN. YT
BREF = 1040.0000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 74/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.00	5.00	-.03410	-.01390	-.04950	-.03030	-.01360	.01360	.00310	.00450	.00450	-.01380
DELTA	DELTA	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 75/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.00	5.00	-.04610	-.07340	-.09260	-.09660	-.07950	-.03770	-.04770	-.05470	-.05100	-.06600
-2.00	5.00	-.04410	-.08330	-.09830	-.09150	-.07520	-.03360	-.04710	-.05210	-.04610	-.06440
.00	5.00	-.04760	-.08130	-.09610	-.08510	-.07650	-.02530	-.04820	-.04380	-.03840	-.05360
2.00	5.00	-.04760	-.08120	-.09030	-.07150	-.07300	-.01570	-.03210	-.03310	-.02310	-.03640
4.00	5.00	-.04460	-.07600	-.08980	-.04940	-.05530	-.00410	-.03740	-.03570	-.01080	-.02260
DELTA	DELTA	.00486	.01104	.00675	.00571	.00286	.00399	.00063	.00244	.00505	.00519

AR03T-044-11A82B OTS(SRB=NOM- MPS=NOM) (AE6043) (22 JAN 75)

REFERENCE DATA

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 400.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 78/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
		-.00140	-.03620	-.10400	-.09980	-.04190	-.04690	-.05980	-.05250	-.05670
		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR03T-044-11A82B OTS(SRB=NOM MPS=NOM) (AE6044) (22 JAN 75)

REFERENCE DATA

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 400.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 77/ 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
		-.01810	-.04940	-.03080	-.01460	.01260	.00510	.00530	.00440	-.01340
		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 78 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
		-.07320	-.09260	-.08480	-.07810	-.03960	-.04020	-.05400	-.05020	-.05250
		-.07900	-.08460	-.08590	-.07300	-.03260	-.03890	-.04840	-.04320	-.05900
		-.07120	-.07420	-.08360	-.07460	-.02640	-.03860	-.04010	-.03590	-.04980
		-.07360	-.06930	-.06720	-.07160	-.01650	-.02770	-.02960	-.02040	-.03270
		.01700	-.03420	-.04850	-.05410	-.00470	-.03580	-.03390	-.00950	-.01990
		.00196	.00670	.00557	.00248	.00430	.00100	.00294	.00521	.00558

RUN NO. 79 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
		-.07040	-.09830	-.10350	-.10100	-.04140	-.04220	-.05830	-.05190	-.05350
		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

TABULATED SOURCE DATA - 1A82B

ARC3T-C++-1IA82B OTS(SRB=NOM+ MPS=NOM)

(AE6045) (22 JAN 76)

REFERENCE DATA

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 400.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 80/ 0 RNL = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
	.00	.03190	-.01830	-.04920	-.03330	-.01410	.01260	.00510	.00220	.00280	-.01530
	GRAD ON*	0	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 81/ 0 RNL = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
		.01560	-.01790	-.03410	-.03540	-.03120	-.03940	-.02650	-.05260	-.05030	-.05570
		.00160	-.00510	-.01450	-.03560	-.03730	-.02570	-.02180	-.03450	-.03260	-.03670
		-.00510	.00170	-.00710	-.04560	-.03390	-.00370	-.02910	-.03160	-.00810	-.01430
	GRAD ON*	.00732	.00113	.00014	.00625	.00355	.00447	-.00034	.00261	.00528	.00518

RUN NO. 82/ 0 RNL = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
	.00	.00000	-.05150	-.09600	-.10060	-.10120	-.04140	-.03220	-.05140	-.04720	-.04430
	GRADIENT*	0	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC3T-C++-1IA82B OTS(SRB=NOM++ MPS=NOM)

(AE6046) (22 JAN 76)

REFERENCE DATA

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 400.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 83/ 0 RNL = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
	.00	0	.01310	-.01830	-.03470	-.01460	.01060	.01770	.00440	.00270	-.00940
	GRAD ON*	0	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 84/ 0 RNL = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
			-.01450	-.03450	-.03480	-.03880	-.03730	-.03130	-.03940	-.04290	-.02710
			-.00110	-.01430	-.03130	-.03590	-.02770	-.03660	-.02560	-.02700	-.02060
			.00170	-.00700	-.05030	-.05420	-.00670	-.01980	-.02880	-.03860	-.00610
	GRAD ON*		.00113	.00068	.00568	.00309	.00384	-.00236	.00131	.00429	.00263

[illegible] SLOPE DATA - 1A82B

[illegible]-0++-11A82B CTS(SRB=NOM++ MPS=NOM)

(AE6045) (22 76)

PARAMETRIC DATA

[illegible] = [illegible] IN. XT
[illegible] = .0000 IN. YT
[illegible] = +00.0000 IN. ZT

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.000

[illegible] AS/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

	CP:153	CP:154	CP:155	CP:156	CP:157	CP:158	CP:159	CP:160
[illegible]	[illegible]	-.11720	-.10330	-.04620	-.05070	-.04380	-.04510	-.03090
[illegible]	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000

[illegible]-0++-11A82B CTS(SRB=NOM MPS=NOM-)

(AE6047) (22 76)

PARAMETRIC DATA

[illegible] = [illegible] IN. XT
[illegible] = .0000 IN. YT
[illegible] = +00.0000 IN. ZT

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.000

[illegible] 88/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

	CP:153	CP:154	CP:155	CP:156	CP:157	CP:158	CP:159	CP:160
[illegible]	[illegible]	-.00360	-.01400	.01020	.00260	.00350	.00330	-.01550
[illegible]	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000

[illegible] RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

	CP:153	CP:154	CP:155	CP:156	CP:157	CP:158	CP:159	CP:160
[illegible]	[illegible]	-.10640	-.07930	-.04080	-.04390	-.05820	-.05160	-.03870
[illegible]	[illegible]	-.07930	-.06980	-.02990	-.04490	-.04340	-.03800	-.01820
[illegible]	[illegible]	-.04480	-.05430	-.00740	-.03780	-.03550	-.01130	-.00340
[illegible]	[illegible]	.00045	.00318	.00419	.00077	.00246	.00508	.00306

[illegible] RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

	CP:153	CP:154	CP:155	CP:156	CP:157	CP:158	CP:159	CP:160
[illegible]	[illegible]	-.10500	-.10170	-.04660	-.04390	-.05720	-.05070	-.03470
[illegible]	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000

TABULATED SOURCE DATA - IA82B

AR097-044-IIA82B OTS(SRB=NOM MPS=NOM+)

(AE6048) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 975.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
LREF = [illegible] IN. ZMRP = +70.0000 IN. ZT
DIA E = [illegible]

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 80/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

A	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
[illegible]	[illegible]	[illegible]	-.01640	-.04670	-.03080	-.01250	.01420	.00650	.00590	.00550	-.01240
[illegible]	[illegible]	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 90/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

A	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.09290	-.07910	-.03860	-.03860	-.05440	-.05100	-.06040
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.07090	-.06740	-.02650	-.03710	-.04040	-.03690	-.04830
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.04420	-.05400	-.00660	-.03550	-.03390	-.01100	-.02010
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.00609	.00314	.00413	.00039	.00256	.00501	.00505

RUN NO. 81/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

A	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
[illegible]	[illegible]	[illegible]	-.10890	[illegible]	-.10300	-.10050	-.04170	-.03610	-.05460	-.04940	-.05210
[illegible]	[illegible]	[illegible]	.00000	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-IIA82B OTS(SRB=OFF MPS=OFF)

(AE6049) (22 JAN 76)

REFERENCE DATA

[illegible] XMRP = 975.0000 IN. XT
[illegible] IN. YMRP = [illegible] IN. YT
[illegible] IN. ZMRP = +70.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. [illegible] RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

A	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.00610	-.01330	.01460	.05720	.05890	.03280	-.02530
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. [illegible] RN/L = 4.15 GRADIENT INTERVAL = -5.00/ 5.00

A	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.03060	-.04150	-.03470	-.00470	.00560	-.02040	-.07550
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.00170	.00599	-.00190	-.05420	-.03170	-.04530	-.06190
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.00890	.00210	-.08600	-.04210	-.02030	-.04740
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.00893	.00710	-.01016	-.00594	.00005	.00352

(AE60+B) : 22 JAN 76)

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

PANEL = +.14 GRADIENT INTERVAL = -5.00/ 5.00

	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
	-.06440	-.07830	-.00960	-.03450	-.11720	-.09900	-.09830	-.11320
	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

(AE60B0) : 22 JAN 76)

PARAMETRIC DATA

ELV-IB = +.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

PANEL = +.06 GRADIENT INTERVAL = -5.00/ 5.00

	CP154	CP155	CP156	CP157	CP158	CP159	CP160
	.00770	-.01080	.01410	.08040	.08130	.03720	-.08150
	.00000	.00000	.00000	.00000	.00000	.00000	.00000

PANEL = +.02 GRADIENT INTERVAL = -5.00/ 5.00

	CP154	CP155	CP156	CP157	CP158	CP159	CP160
	-.02410	-.04300	-.03830	-.10110	-.10960	-.10780	-.10100
	.00000	.00000	.00000	.00000	.00000	.00000	.00000
	.00940	.01160	.00610	-.07720	-.03450	-.01480	-.00880
	.02442	.01894	.01028	-.00975	-.00549	.00042	.00378

PANEL = +.04 GRADIENT INTERVAL = -5.00/ 5.00

	CP154	CP155	CP156	CP157	CP158	CP159	CP161
	-.01171	-.00860	.03440	-.10710	-.09140	-.08860	-.10810
	.00000	.00000	.00000	.00000	.00000	.00000	.00000

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

GRADIENT INTERVAL = -5.00/ 5.00

	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP160
		-.01800	.00030	.02100	.01410	.01780	.01240	-.00730
		.00000	.00000	.00000	.00000	.00000	.00000	.00000

GRADIENT INTERVAL = -5.00/ 5.00

	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP160
		-.02220	-.02530	-.03+80	-.03880	-.04910	-.04520	-.06090
		-.10290	-.07720	-.01470	-.04580	-.03800	-.03880	-.06640
		-.04390	-.05530	.01160	-.0410+0	-.02+30	.00170	-.01720
		.00806	.00128	.00892	-.00031	.00899	.00592	.00551

GRADIENT INTERVAL = -5.00/ 5.00

	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP160
		-.13890	-.11000	-.03750	-.05730	-.06010	-.05230	-.06790
		.00000	.00000	.00000	.00000	.00000	.00000	.00000

(AE6052) : 22 JAN 76)

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

GRADIENT INTERVAL = -5.00/ 5.00

	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP160
		-.00860	.00120	.02200	.01420	.01780	.01+60	-.00500
		.00000	.00000	.00000	.00000	.00000	.00000	.00000

GRADIENT INTERVAL = -5.00/ 5.00

	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP160
		-.04720	-.05+20	-.03+80	-.03570	-.04810	-.04510	-.06000
		-.10+60	-.07+00	-.01310	-.03910	-.03+80	-.03540	-.05410
		-.05060	-.05860	.01360	-.03610	-.01910	.00811	-.01060
		.00851	.00146	.00805	-.00004	.00963	.00869	.00622

AP09T-044-11A82B OTS(SRB=NOM MPS=NOM) (4E6052) (2 JAN 78)

REFERENCE DATA

PARAMETRIC DATA

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = +00.0000 IN. ZT

ELV-IB = +.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 142/ 0 RNGL = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
			-.07360	-.13040	-.13790	-.11440	-.02640	-.05130	-.05950	-.05180	-.06630
			.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP09T-044-11A82B OTS(SRB=OFF MPS=OFF) (4E6053) (22 JAN 78)

REFERENCE DATA

PARAMETRIC DATA

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = +00.0000 IN. ZT

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 148 0 RNGL = 3.44 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
			-.07340	-.06000	-.03910	-.02220	.00230	-.00730	-.00800	-.00890	-.02510
			.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 147 0 RNGL = 3.43 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
			-.08370	-.11350	-.10520	-.08880	-.04570	-.05700	-.06380	-.06930	-.07540
			-.16010	-.03810	-.03000	-.09400	-.03440	-.05650	-.05330	-.04800	-.06330
			.01440	-.00100	-.05700	-.06430	-.01180	-.04260	-.04240	-.01720	-.03100
			.01172	.01626	.00605	.00283	.00440	.00181	.00289	.00589	.00458

RUN NO. 48 0 RNGL = 3.42 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
			-.07510	-.11390	-.11130	-.11260	-.04660	-.05670	-.07260	-.06430	-.05900
			.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.800 PT = 30.700

RUN NO. 1481 0 RNYL = 3.40 GRADIENT INTERVAL = -5.00/ 5.00

CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
				-.02170					-.02360
				.00000					.00000

RUN NO. 1501 0 RNYL = 3.37 GRADIENT INTERVAL = -5.00/ 5.00

CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160

RUN NO. 1511 0 RNYL = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 1.600 PT = 30.700

RUN NO. 1504 0 RNYL = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
				-.03350	.01600				-.02270
				.00000	.00000				.00000

RUN NO. 1531 0 RNYL = 4.15 GRADIENT INTERVAL = -5.00/ 5.00

CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160

AR097-044-(14888 CTS SRB=OFF MPS=OFF) (A888B5) 22 JAN 76

DATA

PARAMETRIC DATA

XMRB = 976.1000 IN. XT
YMRB = .0000 IN. YT
ZMRB = 401.0000 IN. ZT

ELV-IB = 4.000 ELV-OB = 11.000
MACH = 1.880 PT = 30.700

RUN NO. 1587 0 RNYL = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
	-.010760	-.010480	-.002580	-.000760	-.003360	-.01700	-.037820	-.039880	-.011080
	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000

AR097-044-(14888 CTS SRB=NOM MPS=NOM) (A888B5) 22 JAN 76

DATA

PARAMETRIC DATA

XMRB = 976.1000 IN. XT
YMRB = .0000 IN. YT
ZMRB = 401.0000 IN. ZT

ELV-IB = 4.000 ELV-OB = 11.000
MACH = 1.880 PT = 30.700

RUN NO. 1585 0 RNYL = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
	-.010760	-.010480	-.002580	-.000760	.003360	.006380	.006700	.009880	-.011080
	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000

RUN NO. 1586 0 RNYL = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
	-.010760	-.010480	-.002580	-.000760	.003360	.006380	.006700	.009880	-.011080
	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000

RUN NO. 1587 0 RNYL = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
	-.010760	-.010480	-.002580	-.000760	-.003360	-.01700	-.037820	-.039880	-.011080
	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000

ARC97-04 (SRB=OFF MPS=OFF) (AE6057) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000
LREF = 1290.3000 IN. YMRP = .0000
BREF = 1290.3000 IN. ZMRP = 400.0000 I. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 158/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.682	-.036	.23770	-.04960	-.01330	-.00180	.00790	.02540	.01670	.02160	.01810	-.00330
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 159/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.278	-4.040	.12270	-.10010	-.10280	-.09240	-.06080	-.03350	-.03580	-.04420	-.04090	-.05620
.305	-.130	.25320	-.06320	-.08530	-.09430	-.07190	-.01070	-.04150	-.03350	-.03320	-.05280
.312	3.945	.34610	-.00010	-.05990	-.05680	-.05240	.01670	-.03760	-.02000	.00650	-.01200
	GRADIENT	.02794	.01254	.00538	.00325	.00108	.00629	-.00022	.00303	.00596	.00557

RUN NO. 160/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.368	-.093	.32570	-.07440	-.12320	-.12940	-.10480	-.02050	-.05230	-.05650	-.04790	-.06240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (AE6058) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 161/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.709	-.036	.30730	-.04720	-.01080	.00380	.01000	.02620	.02020	.02270	.01930	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 162/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.255	-4.037	.12830	-.09970	-.10050	-.08350	-.05900	-.03230	-.03070	-.04300	-.04030	-.05420
.283	-.117	.25780	-.06430	-.08410	-.09000	-.07050	-.01040	-.03460	-.03080	-.03120	-.04910
.289	3.965	.34470	-.00260	-.05840	-.05670	-.04950	.01730	-.03510	-.01810	.00800	-.01060
	GRADIENT	.02763	.01219	.00504	.00339	.00122	.00622	-.00055	.00312	.00608	.00549

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (AE6058) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-CB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 163/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.421	-.093	.22940	-.07520	-.12390	-.13100	-.10690	-.02200	-.04730	-.05380	-.04670	-.06000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (AE6059) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-CB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 164/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.483	-.086	.22260	-.02140	-.05240	-.03720	-.01500	.00980	.00040	.00140	.00160	-.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 165/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.478	-4.030	.10730	-.07660	-.09640	-.09640	-.08220	-.04150	-.04970	-.05830	-.05280	-.06900
.487	-.126	.18260	-.05370	-.07850	-.08340	-.07790	-.02890	-.04960	-.04470	-.03980	-.05580
.471	3.951	.38530	.01480	-.04300	-.04950	-.05860	-.00770	-.03580	-.03520	-.01000	-.02350
	GRADIENT	.03494	.01149	.00671	.00589	.00297	.00424	.00175	.00289	.00538	.00572

RUN NO. 166/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.613	-.082	.19180	-.06490	-.09750	-.10470	-.10560	-.04270	-.05210	-.06550	-.05770	-.06300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (AE6060) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 167/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.510	-.089	.22800	-.01980	-.05090	-.03300	-.01340	.01230	.00330	.00290	.00330	-.01380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 168/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
[illegible]	-4.030	.11640	-.07330	-.03470	-.09710	-.08070	-.04060	-.04160	-.05490	-.05150	-.06410
.483	-.126	.18760	-.05310	-.07480	-.07540	-.07110	-.02870	-.04010	-.04240	-.03770	-.05200
.441	3.965	.39330	.01420	-.04150	-.04830	-.05670	-.00760	-.03370	-.03350	-.00900	-.02170
	GRADIENT	.03480	.01100	.00667	.00612	.00301	.00414	.00099	.00268	.00534	.00533

RUN NO. 169/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.547	-.085	.19180	-.06560	-.03800	-.10620	-.10750	-.04430	-.04430	-.06070	-.05500	-.05680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (AE6061) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 170/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.371	-.153	.17440	-.06450	-.01810	-.00500	-.01050	.01720	.05830	.05930	.03240	-.02550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (AE6061) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 171/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-.008	+4.076	.17340	-.20050	-.05720	-.02700	-.03960	-.03300	-.00380	.00480	-.02080	-.07640
-.015	+2.130	.18870	-.18040	-.05930	-.01710	-.01720	-.01410	-.01350	-.01120	-.03561	-.06450
.002	-.168	.20480	-.17310	-.05000	-.01010	.00370	.00020	-.05130	-.03330	-.04491	-.06000
-.008	1.033	.23490	-.16190	-.03070	.01000	.01990	.01130	-.05900	-.03460	-.03011	-.04700
-.015	3.803	.28090	-.12460	-.00220	.02580	.03130	.02630	-.07950	-.03730	-.01601	-.04370
	GRADIENT	.01319	.00853	.00696	.00665	.00894	.00720	-.00984	-.00536	.00079	.00415

RUN NO. 172/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.135	-.137	.17020	-.18000	-.06880	-.02420	-.00740	-.03330	-.11520	-.09970	-.03600	-.11200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (AE6062) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 173/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.001	.140	.18790	-.18370	-.01480	-.00440	-.00810	.01740	.06270	.06300	.03670	-.02090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 174/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-.008	+4.073	.17650	-.19400	-.05780	-.02840	-.04000	-.03180	.00140	.00750	-.01810	-.07180
-.015	+2.130	.19270	-.17970	-.05160	-.01550	-.01640	-.01320	-.00650	-.00500	-.03220	-.06010
.002	-.168	.20930	-.17220	-.04700	-.00760	.00410	.00210	-.04200	-.03100	-.04171	-.05440
-.008	1.030	.23960	-.16160	-.03140	.01920	.01200	-.05050	-.02940	-.02740	-.04310	
-.015	3.803	.28760	-.12720	-.00170	.02630	.03180	.02920	-.07210	-.03150	-.01210	-.03770
	GRADIENT	.01349	.00872	.00713	.00648	.00896	.00736	-.00955	-.00510	.00088	.00426

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (AE6062) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 175/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.055	-.140	.17290	-.18790	-.06570	-.02430	-.00600	-.03180	-.10690	-.09110	-.08930	-.10490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (AE6063) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.830	-.092	.23910	-.04670	-.01020	.00550	.01020	.02850	.01980	.02540	.02160	-.00040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 177/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.257	-4.027	.12870	-.09910	-.10140	-.08160	-.05960	-.03300	-.03390	-.04380	-.04090	-.05650
.054	-2.092	.17310	-.08490	-.09570	-.08970	-.06660	-.02370	-.03640	-.04090	-.03910	-.05680
.200	-.120	.22620	-.06250	-.08430	-.09320	-.07100	-.01010	-.03840	-.03290	-.03240	-.05160
.377	1.938	.31460	-.02220	-.07690	-.08200	-.06250	.00070	-.03140	-.01850	-.01250	-.03700
.274	3.951	.39750	.00150	-.05860	-.05530	-.05000	.01880	-.03270	-.01780	.00850	-.01020
	GRADIENT	.02857	.01293	.00523	.00305	.00119	.00641	.00038	.00373	.00630	.00565

RUN NO. 179/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.450	-.035	.22630	-.07440	-.12130	-.12770	-.10490	-.02090	-.05030	-.05700	-.04900	-.06300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (AE6064) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1280.3000 IN. YMRP = .0000 IN. YT
BREF = 1280.3000 IN ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 179/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.715	-.035	.30460	-.04740	-.01100	.00310	.00840	.02720	.02010	.02410	.01900	.00070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 180/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.244	-4.027	.12340	-.09950	-.10020	-.07990	-.05840	-.03100	-.02810	-.04090	-.03930	-.05230
.240	-2.082	.18010	-.08590	-.09460	-.08690	-.06460	-.02390	-.03060	-.03930	-.03780	-.05340
.157	-.120	.25850	-.06390	-.08330	-.08970	-.06910	-.00870	-.03090	-.02860	-.02950	-.04690
.237	1.938	.31240	-.02990	-.07600	-.08430	-.06130	.00170	-.02760	-.01490	-.01040	-.03390
.230	3.951	.35150	-.00050	-.05980	-.05350	-.04770	.01930	-.02970	-.01490	.01190	-.00690
	GRADIENT	.02914	.01273	.00508	.00280	.00126	.00632	-.00001	.00383	.00652	.00554

RUN NO. 181/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.430	-.092	.22970	-.0750	-.12350	-.12910	-.10550	-.01970	-.04320	-.05170	-.04540	-.05820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (AE6065) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1280.3000 IN. YMRP = .0000 IN. YT
BREF = 1280.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 182/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.433	-.088	.31970	-.02130	-.05200	-.03860	-.01760	.00920	.00020	.00080	.00080	-.01760
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (AE6065) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1280.3000 IN. YMRP = .0000 IN. YT
BREF = 1280.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 183/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.421	-4.017	.10860	-.07470	-.09590	-.09510	-.08210	-.04340	-.04910	-.05730	-.05200	-.06800
.467	-2.075	.13600	-.06420	-.09050	-.09050	-.07720	-.03820	-.04850	-.05600	-.04970	-.06770
.487	-.110	.17610	-.05370	-.07570	-.07960	-.07160	-.03170	-.04870	-.04590	-.04070	-.05630
.473	1.9+5	.25520	-.01970	-.06270	-.06760	-.07400	-.02120	-.03080	-.03390	-.02340	-.03960
.467	3.959	.38610	.01610	-.04190	-.05100	-.05670	-.00990	-.03540	-.03740	-.01280	-.02570
	GRADIENT	.03913	.01135	.00681	.00557	.00270	.00421	.00227	.00310	.00526	.00566

RUN NO. 184/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.003	-.085	.18600	-.06590	-.10000	-.10830	-.10680	-.04810	-.04950	-.06430	-.05740	-.06290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (AE6068) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1280.3000 IN. YMRP = .0000 IN. YT
BREF = 1280.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 185/ 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.507	-.085	.22470	-.02120	-.05220	-.03760	-.01770	.00910	.00150	.00050	.00030	-.01730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 186/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.417	-4.017	.11250	-.07540	-.09660	-.09640	-.08320	-.04350	-.04410	-.05700	-.05410	-.06680
.433	-2.078	.14820	-.06240	-.08980	-.08920	-.07570	-.03840	-.04060	-.05280	-.04730	-.06330
.460	-.110	.19+10	-.05650	-.07830	-.08310	-.07730	-.03060	-.03940	-.04360	-.03870	-.05140
.453	1.9+5	.26230	-.01970	-.06300	-.06710	-.07310	-.02140	-.02610	-.03230	-.02200	-.03530
.431	3.965	.39+50	.01500	-.04120	-.04800	-.05520	-.00230	-.03280	-.03550	-.01210	-.02260
	GRADIENT	.03838	.01122	.00694	.00597	.00284	.00428	.00186	.00318	.00548	.00584

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (AE6066) (22 JAN 76)

REFERENCE DATA

SREF = 2630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-CB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 187/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-1.547	-.085	.19170	-.06520	-.09750	-.10860	-.10590	-.04480	-.04180	-.05200	-.05260	-.05570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (AE6067) (22 JAN 76)

REFERENCE DATA

SREF = 2630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-CB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 188/ 0 RN/L = 4.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.965	-.150	.26360	-.06310	-.01550	-.00560	-.00970	.01920	.05900	.06100	.03380	-.02410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 189/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.015	-4.079	.17500	-.19970	-.05470	-.02520	-.03620	-.03120	-.00250	.00830	-.01800	-.07360
-.018	-.171	.20620	-.17100	-.04830	-.00770	.00530	.00140	-.04540	-.03200	-.03240	-.05800
-4.015	3.900	.28370	-.12280	.00080	.02680	.03250	.02710	-.07760	-.03680	-.01410	-.04500
	GRADIENT	.01387	.00353	.00699	.00653	.00860	.00730	-.00940	-.00562	.00053	.00358

RUN NO. 190/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.189	-.144	.27060	-.16930	-.05860	-.02380	-.00640	-.03290	-.11250	-.09660	-.09470	-.11190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A828 OTS(SRB=NOM MPS=NOM) (AE6068) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 191/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.009	- 144	.26600	-.06200	-.01370	-.00420	-.00880	.01840	.06230	.06370	.03690	-.02200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 192/ 0 RN/L = 4.15 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.006	- 079	.17990	-.13550	-.05440	-.02510	-.03870	-.03110	00380	.00870	-.01660	-.06980
-4.000	-.171	.30780	-.10260	-.01930	-.01000	.00430	.00170	-.13800	-.02870	-.03940	-.05460
-4.003	.300	.28790	-.12470	.00020	.02940	.03240	.02850	-.07180	-.03150	-.01070	-.03870
	GRADIENT	.01358	.00902	.00688	.00685	.00890	.00746	-.00947	-.00501	.00078	.00390

RUN NO. 193/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.003	-.140	.17430	-.13940	-.06370	-.02250	-.00510	-.03010	-.10360	-.08820	-.08640	-.10360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A828 OTS(SRB=OFF MPS=OFF) (AE6069) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 194/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.000	-.032	.30110	-.04590	-.01030	.00410	.00840	.02590	.01830	.02230	.01650	-.00270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 195/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.00	-.091	.29150	-.04180	-.00970	-.00690	-.00030	-.00320	-.00170	-.00240	-.00150	-.00550
-4.0	-.150	.28610	-.03780	-.00780	-.00230	-.00850	-.00830	-.00660	-.00150	-.00170	-.00300
-4	-.208	.27840	-.03340	-.00610	-.00430	-.00070	.01820	-.00120	-.00800	.00740	-.00130
	GRADIENT	.01281	.00693	.00504	.00413	.00123	.00635	.00007	.00306	.00516	.00570

ARC97-044-1:A82B OTS(SRB=OFF MPS=OFF) (AE6059) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 196/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.470	-.092	.22840	-.07420	-.12090	-.12380	-.10320	-.01970	-.04830	-.05460	-.04740	-.06110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1:A82B OTS(SRB=NOM MPS=NOM) (AE6070) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 197/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.723	-.092	.20410	-.04690	-.01040	.00330	.00320	.02810	.01900	.02360	.01990	.00080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.144	-.097	.12980	-.03920	-.10160	-.07960	-.05860	-.03100	-.02720	-.04060	-.03940	-.05190
.641	.094	.09300	-.06080	-.08190	-.08320	-.06740	-.00990	-.03000	-.02910	-.03000	-.04770
3.144	3.048	.03460	.00140	-.05770	-.05620	-.04750	.01970	-.02840	-.01590	-.01960	-.00620
	GRADIENT	.03797	.01262	.00560	.00309	.00142	.00636	-.00015	.00310	.00629	.00576

RUN NO. 199/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.144	-.092	.06740	-.07830	-.12160	-.12780	-.10480	-.01970	-.03980	-.04780	-.04240	-.05770
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=OFF MPS=OFF) (AES071) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1200.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 203/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.977	-.101	.32150	-.01770	-.04950	-.03190	-.01200	.01270	.00390	.00280	.00280	-.01390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 204/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.003	-4.030	.10910	-.07180	-.09310	-.09700	-.07770	-.03750	-.04570	-.05330	-.04900	-.06410
.000	-.110	.18440	-.06040	-.07160	-.07590	-.06810	-.02550	-.04350	-.04020	-.03970	-.05130
.000	3.993	.33950	.01800	-.03810	-.04750	-.05390	-.00480	-.03020	-.03280	-.02870	-.02070
	GRADIENT	.03517	.01127	.00976	.00620	.00299	.00410	.00195	.00256	.00305	.00544

RUN NO. 205/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.997	-.107	.13120	-.06190	-.09440	-.10420	-.09930	-.03570	-.04330	-.05880	-.05910	-.05690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM MPS=NOM) (AES072) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1200.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 200/ 0 RN/L = 3.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.997	-.101	.32020	-.01990	-.05000	-.03050	-.01290	.01180	.00480	.00320	.00280	-.01440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 201/ 0 RN/L = 3.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.99	-4.030	.11800	-.07120	-.09390	-.09820	-.07800	-.03930	-.04120	-.05370	-.04980	-.06240
.00?	-.112	.18000	-.06330	-.07600	-.07690	-.06930	-.02700	-.03930	-.03990	-.03480	-.04910
.00?	3.981	.33760	.01670	-.03910	-.04940	-.05410	-.00500	-.02730	-.03120	-.02740	-.01890
	GRADIENT	.03610	.01091	.00974	.00596	.00300	.00430	.00175	.00281	.00329	.00545

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (AE6072) (22 JAN 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 202/ 0 RN/L = 3.37 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.403	-.104	.18680	-.06230	-.03460	-.10200	-.10010	-.04000	-.03900	-.05640	-.05130	-.05640
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (AE6073) (22 JAN 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 206/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.851	-.156	.20160	-.06360	-.01730	-.00500	-.00960	.01600	.05830	.05950	.03360	-.02520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 207/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.100	-4.088	.17460	-.19950	-.05590	-.02500	-.03650	-.03220	-.00210	.00750	-.01740	-.07430
.116	-.174	.20280	-.17200	-.04810	-.00810	.00250	.00250	-.04810	-.03340	-.04420	-.05180
.200	3.818	.28810	-.12220	.00030	.02590	.03330	.02730	-.07770	-.03720	-.01570	-.04540
	GRADIENT	.01402	.00970	.00707	.00639	.00873	.00744	-.00945	-.00555	.00265	.00382

RUN NO. 208/ 0 RN/L = 4.12 GRADIENT INTERVAL -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.988	-.131	.17300	-.18580	-.05760	-.02580	-.00590	-.03280	-.11330	-.09770	-.09600	-.11360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM MPS=NOM) (AE6074) (22 JAN 75)

REFERENCE DATA

SREF = 2681.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 209/ 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-5.000	-.131	.28880	-.06160	-.01290	-.00290	-.00800	.01800	.06130	.06160	.03670	-.02140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 210/ 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.019	-4.082	.18000	-.18390	-.05230	-.02270	-.03660	-.03050	.00660	.01020	-.01990	-.06690
.014	-.134	.28780	-.17040	-.04610	-.01040	.00440	.00290	-.03510	-.02890	-.03980	-.06260
.012	3.806	.28190	-.18190	.00260	.02950	.02430	.03080	-.06330	-.03820	-.01030	-.03910
	GRADIENT	.01955	.01903	.00891	.00666	.00874	.00767	-.00937	-.00527	.00097	.00373

RUN NO. 211/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP160
-.119	-.131	.17420	-.18960	-.05530	-.02040	-.00490	-.03060	-.10440	-.03880	-.03700	-.10530
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=OFF MPS=OFF) (AE6075) (22 JAN 75)

REFERENCE DATA

SREF = 2681.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 212/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP160
-4.966	-.093	.31180	-.04490	-.01980	.00240	.01150	.02810	.01910	.02400	.00000	-.00080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 213/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP160
.024	-4.034	.19820	-.09830	-.03810	-.01790	-.02520	-.02720	-.03930	-.03810	-.03740	-.07860
.019	-.130	.42490	-.08480	-.03100	-.00280	-.00660	-.00570	-.03460	-.03840	-.02770	-.04810
.017	3.804	.34110	-.09340	-.03580	-.00870	.00480	.00090	-.04980	-.01620	-.00280	-.03740
	GRADIENT	.01954	.00830	.00301	.00084	.00013	.00	.00274	.00586	.00687

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (AE6075) (22 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 214/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.588	-.083	.22770	-.07460	-.11880	-.12430	-.09990	-.01760	-.04590	-.05140	-.04430	-.05870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (AE6076) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 215/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.592	-.083	.30720	-.04450	-.00830	.00530	.01180	.02910	.02160	.02380	.02010	.00010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 216/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.332	-4.031	.13030	-.09560	-.09720	-.07620	-.05490	-.02650	-.02320	-.03540	-.03510	-.04860
.3[illegible]	-.126	.20790	-.06140	-.07990	-.08640	-.06640	-.00650	-.02720	-.02670	-.02660	-.04400
.3[illegible]	3.881	.35170	.00130	-.05580	-.05460	-.04670	.01910	-.02830	-.01690	.00880	-.00730
	GRADIENT	.02768	.01216	.00506	.00274	.00106	.00571	-.00064	.00244	.00552	.00529

RUN NO. 217/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.451	-.083	.23410	-.07290	-.11900	-.12520	-.10200	-.01850	-.04050	-.04780	-.04190	-.05630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=OFF MPS=OFF) (AE6077) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 218/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.307	-.079	.22500	-.01810	-.04300	-.03390	-.01230	.01510	.00500	.00500	.00480	-.01230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 219/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.678	-4.026	.10980	-.07080	-.09150	-.09460	-.07740	-.03600	-.04300	-.05160	-.04810	-.06300
.697	-.110	.18390	-.05010	-.07040	-.07590	-.06850	- 02520	-.04370	-.04150	-.03670	-.05320
.681	3.951	.39840	.01540	-.04040	-.04660	-.05550	-.00560	-.03140	-.03390	-.00970	-.02390
	GRADIENT	.03497	.01083	.00640	.00602	.00274	.00381	.00146	.00221	.00482	.00491

RUN NO. 220/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
+.720	-.076	.19240	-.06260	-.09620	-.10260	-.10030	-.04010	-.04690	-.06180	-.05560	-.06010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=NOM MPS=NOM) (AE6078) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 221/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.333	-.079	.22020	-.01700	-.04910	-.02920	-.01300	.01470	.00450	.00430	.00470	-.01350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 222/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.694	-4.026	.11810	-.07040	-.09110	-.09320	-.07750	-.03490	-.03610	-.04950	-.04640	-.05881
.617	-.092	.19060	-.05060	-.07630	-.08270	-.07500	-.02520	-.03560	-.03910	-.03580	-.04970
.696	3.955	.39710	.01600	-.03980	-.04820	-.05440	-.00530	-.02840	-.03360	-.00950	-.02000
	GRADIENT	.03602	.01072	.00644	.00565	.00290	.00371	.00097	.00199	.00463	.00487

DATE 29 FEB 76 TABULATED SOURCE DATA - IA82B

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (AE6078) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 223/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.667	-.092	.19430	-.06280	-.09620	-.10380	-.10090	-.04410	-.04140	-.05730	-.05260	-.05730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (AE6079) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 224/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.965	-.147	.26340	-.05330	-.01470	-.00250	-.00990	.01710	.05830	.05860	.03230	-.02400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 225/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.105	-4.088	.17620	-.19870	-.05540	-.02620	-.03680	-.03230	-.00140	.00660	-.01800	-.07360
.115	-.181	.20480	-.16930	-.04680	-.00720	.00500	.00060	-.05000	-.03130	-.04200	-.05990
.092	3.897	.28200	-.12200	.00080	.02330	.03200	.02740	-.07700	-.03620	-.01480	-.04340
	GRADIENT	.01329	.00962	.00707	.00621	.00860	.00747	-.00945	-.00533	.00045	.00378

RUN NO. 226/ 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.245	-.144	.17100	-.18590	-.06940	-.02430	-.00670	-.03210	-.11340	-.09680	-.09310	-.11030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (AE6080) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 227/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.305	-.144	.26520	-.05510	-.01600	-.00400	-.01090	.01800	.06040	.06120	.03550	-.02260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 228/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.082	-4.089	.17910	-.19670	-.05320	-.02290	-.03560	-.03030	.00340	.01020	-.01500	-.06890
.035	-.121	.25910	-.17106	-.04640	-.00780	.00490	.00210	-.03930	-.02830	-.04010	-.05470
.015	3.897	.32850	-.12340	.00270	.02890	.03350	.03040	-.06860	-.03030	-.01090	-.03780
	GRADIENT	.01374	.00920	.00704	.00651	.00864	.00760	-.00900	-.00504	.00056	.00390

RUN NO. 229/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.178	-.137	.17430	-.19120	-.06590	-.02560	-.00550	-.02960	-.10570	-.08980	-.08750	-.10460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (AE6081) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 230/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.306	-.095	.29880	-.05040	-.01600	.00250	.00710	.02420	.01620	.02080	.01710	-.00490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 231/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.031	-4.037	.18310	-.09710	-.10080	-.08510	-.05830	-.03010	-.03160	-.03930	-.03780	-.05380
.007	-.139	.25340	-.05020	-.09230	-.09260	-.06800	-.00850	-.03720	-.03100	-.03100	-.04920
.001	3.945	.33560	.00280	-.05750	-.05400	-.05030	.01840	-.03220	-.01850	.00650	-.01120
	GRADIENT	.00784	.01254	.00543	.00394	.00103	.00608	-.00007	.00261	.00558	.00537

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (AE6081) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 232/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.510	-.092	.22640	-.07480	-.12060	-.12120	-.10190	-.01960	-.04920	-.05380	-.04630	-.06110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (AE6082) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 233/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.590	-.095	.30450	-.04590	-.01140	.00680	.01160	.02730	.02020	.02400	.02020	.00080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 234/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.334	-4.040	.12860	-.09780	-.09980	-.07920	-.05640	-.02910	-.02630	-.03820	-.03710	-.05030
.284	-.132	.25970	-.06320	-.08320	-.08760	-.06850	-.00770	-.03020	-.02800	-.02890	-.04580
.244	3.945	.35180	.00230	-.05540	-.05130	-.04690	.01900	-.03050	-.01580	.00930	-.00790
	GRADIENT	.02793	.01255	.00544	.00353	.00122	.00603	-.00052	.00281	.00584	.00534

RUN NO. 235/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.494	-.092	.21950	-.07620	-.12210	-.12270	-.10320	-.02000	-.04310	-.05000	-.04310	-.05770
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (AE6083) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO 236/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.377	-.085	.22270	-.02040	-.05090	-.03620	-.01440	.01270	.00320	.00480	.00500	-.01370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 237/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.561	-4.033	.10770	-.07410	-.09480	-.09330	-.08030	-.03870	-.04610	-.05500	-.05020	-.06590
.597	-.126	.18110	-.05200	-.07730	-.08100	-.07790	-.02670	-.04480	-.04280	-.03760	-.05390
.579	3.982	.38920	.01510	-.04210	-.04990	-.05900	-.00610	-.03340	-.03470	-.00940	-.02290
	GRADIENT	.03624	.01121	.00661	.00545	.00281	.00409	.00160	.00254	.00512	.00540

RUN NO. 238/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.763	-.082	.19390	-.06430	-.09900	-.10680	-.10290	-.04160	-.04920	-.06240	-.05620	-.06010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (AE6084) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 239/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.403	-.085	.22860	-.01950	-.05060	-.03220	-.01370	.01360	.00410	.00350	.00410	-.01340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 240/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.484	-4.030	.11490	-.07340	-.09620	-.09290	-.08020	-.03860	-.03960	-.05350	-.04960	-.06260
.550	-.126	.19750	-.05220	-.07730	-.08150	-.07730	-.02690	-.03620	-.04010	-.03660	-.04970
.541	3.985	.39490	.01330	-.04160	-.04990	-.05690	-.00630	-.03140	-.03250	-.00770	-.02010
	GRADIENT	.03523	.01090	.00673	.00540	.00293	.00405	.00103	.00262	.00526	.00534

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (AE6084) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 241/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.023	-.092	.19350	-.06380	-.09750	-.10720	-.10370	-.04430	-.04430	-.06020	-.05440	-.05820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (AE6085) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 248/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.001	-.169	.22590	-.06410	-.01650	-.00560	-.01090	.01640	.06120	.06290	.03620	-.01740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 249/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-.132	-4.079	.17870	-.10570	-.05440	-.02330	-.03680	-.03090	.00110	.01030	-.01440	-.06760
-.021	-.171	.20880	-.11080	-.04730	-.00690	.00490	.00090	-.04480	-.02960	-.04100	-.05570
-.042	3.887	.23610	-.12140	.00200	.02910	.03370	.02860	-.07290	-.03220	-.01230	-.03700
	GRADIENT	.01351	.00934	.00711	.00659	.00883	.00746	-.00926	-.00530	.00031	.00364

RUN NO. 250/ 0 RN/L = 4.04 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.002	-.165	.17330	-.19190	-.06590	-.02420	-.00680	-.03200	-.10800	-.09290	-.09080	-.10420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (AE6086) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 242/ 0 RN/L = 3.62 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.669	-.099	.30390	-.04650	-.01290	.00030	01130	.02840	.02070	.02500	.02000	.00010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 243/ 0 RN/L = 3.63 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.295	-4.037	.12970	-.09920	-.10100	-.08220	-.05870	-.03290	-.03080	-.04120	-.03710	-.05160
.315	-.123	.25950	-.06120	-.08200	-.08760	-.06760	-.00850	-.03380	-.02930	-.02930	-.04840
.299	3.945	.35060	.00090	-.05790	-.05270	-.04820	.01890	-.03440	-.01520	.00960	-.00780
	GRADIENT	.02764	.01256	.00540	.00373	.00134	.00649	-.00045	.00326	.00588	.00552

RUN NO. 244/ 0 RN/L = 3.61 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.158	-.114	.22760	-.07330	-.12030	-.12490	-.10290	-.01970	-.04640	-.05170	-.04400	-.05770
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (AE6087) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 245/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.460	-.104	.22910	-.01780	-.04890	-.03350	-.01260	.01340	.00490	.00490	.00470	-.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 246/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.169	-4.026	.11570	-.07190	-.09340	-.09340	-.07950	-.03930	-.04170	-.05430	-.05000	-.06360
.183	-.113	.18930	-.04980	-.07460	-.07910	-.07460	-.02670	-.03840	-.04010	-.03600	-.04950
.184	3.959	.31660	.01770	-.03830	-.04790	-.05370	-.00330	-.03260	-.03240	-.00700	-.01970
	GRADIENT	.03817	.01126	.00697	.00572	.00325	.00452	.00114	.00274	.00540	.00551

ARC97-044-IIA82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (AE6087) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 2.200 PT = 30.700

RUN NO. 247/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.500	-.110	.18980	-.06450	-.09790	-.10530	-.10370	-.04390	-.04450	-.05950	-.05320	-.05630
	GRADIENT	.00010	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (AE6088) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 1.550 PT = 30.700

RUN NO. 251/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.049	-.140	.26650	-.06130	-.01590	-.00670	-.01040	.01730	.06210	.06270	.03940	-.01830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 252/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-1.019	-4.085	.17960	-.19340	-.05590	-.02510	-.03700	-.03120	.00500	.01290	-.01370	-.06860
.016	-.110	.20300	-.17100	-.04670	-.00990	.00440	.00240	-.04500	-.02930	-.03970	-.05540
1.019	3.900	.28600	-.12420	.00150	.02960	.03350	.02930	-.07690	-.03360	-.01300	-.03700
	GRADIENT	.01349	.00869	.00722	.00687	.00882	.00757	-.01024	-.00579	.00013	.00396

RUN NO. 253/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.068	-.137	.17490	-.17990	-.06250	-.02430	-.00580	-.03130	-.11130	-.09240	-.09010	-.10520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE

ARC97-044-11A82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (AE6089) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1291.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 254/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.65	-.089	.30550	-.04720	-.00900	.00440	.00920	.02590	.02200	.02510	.02040	.00040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 255/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.310	-4.033	.13120	-.09940	-.09890	-.07850	-.05890	-.03150	-.02770	-.03900	-.03790	-.05150
.306	-.103	.28860	-.06210	-.06230	-.09080	-.06670	-.00980	-.03380	-.02900	-.02690	-.04750
3.345	3.345	.35080	-.00010	-.05910	-.05230	-.04880	.01810	-.03650	-.01450	.01170	-.00860
	GRADIENT	.02748	.01246	.00499	.00333	.00129	.00622	-.00110	.00307	.00624	.00541

RUN NO. 256/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.470	-.039	.23460	-.07110	-.12140	-.12880	-.10450	-.01920	-.04790	-.05160	-.04300	-.05830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (AE6089) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1291.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 257/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
3.470	-.105	.03040	-.01900	-.04890	-.03200	-.01150	.01290	.00610	.00550	.00630	-.01140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 258/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.01115	.00559	.00607	.00281	.00387	.00028	.00228	.00519	.00511

AR097-044-11A82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (AE6090) (22 JAN 76)

REFERENCE DATA

SREF = 8690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 2.200 PT = 30.700

RUN NO. 259/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.893	-.085	.20130	-.06110	-.09620	-.10720	-.10550	-.04000	-.04400	-.05860	-.05230	-.05570
	GRAD.ENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (AE6091) (22 JAN 76

REFERENCE DATA

SREF = 8690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 1.550 PT = 30.700

RUN NO. 278/ 0 RN/L = 4.04 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
3.918	-.084	.26.90	-.06180	-.01740	-.00430	-.00810	.01680	.06020	.05990	.03530	-.02020
	GRAD.ENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 279/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
1.023	-.085	.17660	-.19610	-.05690	-.02560	-.03530	-.03140	-.00030	.00810	-.01770	-.07120
.96	-.071	.20470	-.17110	-.04860	-.00830	.00500	.00030	-.04880	-.03090	-.04220	-.05970
.10	-.097	.24640	-.18390	.00100	.02770	.03300	.02770	-.07650	-.03430	-.01570	-.03990
	GRAD.ENT	.01382	.00307	.00729	.00569	.00855	.00740	-.00953	-.00528	.00029	.00405

RUN NO. 280/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-.018	-.087	.17860	-.19570	-.06300	-.02100	-.00530	-.03310	-.10980	-.09520	-.09290	-.10640
	GRAD.ENT	.01302	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-1IA82B OTS+DRAG RING(SRB=NOM MPS=NOM) (AE6092) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 1.550 PT = 30.700

RUN NO. 281/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.962	-.140	.26730	-.05900	-.01590	-.00440	-.00880	.01680	.06240	.06240	.03620	-.01850
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 282/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-.008	-4.095	.18010	-.19450	-.05330	-.02240	-.03480	-.02940	.00460	.01370	-.01270	-.00510
-.002	-.171	.20890	-.17160	-.04690	-.00870	.00440	.00160	-.03900	-.02720	-.03900	-.05260
-.089	3.897	.29730	-.12360	.00240	.02700	.03430	.02930	-.06470	-.02950	-.00680	-.02950
	GRADIENT	.01347	.00890	.00701	.00621	.00865	.00735	-.00867	-.00538	.00053	.00447

RUN NO. 283/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
+.088	-.165	.17420	-.18430	-.06220	-.01900	-.00400	-.03130	-.09540	-.08520	-.08400	-.09470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (AE6093) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 1.550 PT = 30.700

RUN NO. 284/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-4.082	-.162	.26790	-.05880	-.01560	-.00610	-.00760	.01740	.06370	.06140	.03550	-.01260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 285/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-.045	-4.085	.18020	-.19350	-.05310	-.02080	-.03700	-.03060	.00550	.00400	-.01940	-.06310
-.032	-.171	.20880	-.17040	-.04800	-.00690	.00370	.00240	-.01910	-.02430	-.03820	-.04360
-.052	3.847	.29940	-.12380	.00200	.02820	.03330	.02990	-.04720	-.02150	-.00410	-.01950
	GRADIENT	.01359	.00863	.00694	.00616	.00880	.00757	-.00560	-.00317	.00195	.00547

ARC97-044-11A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (AE6093) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1291.3000 IN. YMRP = .0000 IN. YT
BREF = 1291.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 268/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.018	-.169	.17510	-.18000	-.06060	-.02080	-.00360	-.03010	-.07590	-.07440	-.07700	-.07730
	GRADIENT	.00100	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (AE6094) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1291.3000 IN. YMRP = .0000 IN. YT
BREF = 1291.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 269/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.018	-.168	.23130	-.04690	-.01120	.00000	.00910	.02940	.02150	.02650	.02210	.00180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.018	-.168	.18430	-.09750	-.10010	-.07950	-.05750	-.03090	-.03200	-.04010	-.03940	-.05510
BTA	-.168	.18500	-.08350	-.08310	-.08300	-.06950	-.00750	-.03940	-.03090	-.03150	-.05080
PHI	3.8+5	34.00	.00080	-.05740	-.05320	-.05030	.01990	-.03290	-.01590	.00980	-.00880
	GRADIENT	.02410	.01234	.00536	.00333	.00093	.00637	-.00010	.00304	.00617	.00586

RUN NO. 271/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.018	-.168	.28690	-.07170	-.12230	-.12500	-.10530	-.02010	-.05230	-.05530	-.04710	-.06150
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS+DRAG RING(SRB=NOM MPS=NOM) (AES0851 1 22 JAN 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BTEF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 272/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.004	-.095	.30500	-.04660	-.01080	.00570	.01010	.02970	.02310	.02593	.02020	.00290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00005	.00005	.00000

RUN NO. 273/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.250	-4.033	.12960	-.09890	-.10070	-.07960	-.05650	-.03000	-.02670	-.03960	-.04260	-.05250
.373	-.123	.26070	-.06440	-.08820	-.09120	-.06750	-.00700	-.02820	-.02710	-.02820	-.04510
.317	3.845	.35210	-.00030	-.05920	-.05530	-.04850	.01940	-.02630	-.01290	.01870	-.00310
	GRADIENT	.02785	.01238	.00520	.00308	.00103	.00619	.00005	.00335	.00669	.00822

RUN NO. 274/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.003	-.092	.63060	-.07180	-.12830	-.13020	-.10670	-.01920	-.07330	-.04850	-.04230	-.05400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (AES0851 1 22 JAN 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BTEF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 275/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.004	-.095	.30570	-.04660	-.01270	.00300	.00940	.02990	.02570	.02130	.01960	.00300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 276/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.250	-4.033	.13150	-.09910	-.10190	-.08070	-.05780	-.02810	.00780	-.03830	-.03810	-.05810
.373	-.123	.26790	-.06490	-.08130	-.08800	-.06760	-.00620	.01110	-.02700	-.02840	-.04980
.317	3.845	.35480	-.00180	-.05710	-.05420	-.04660	.02180	-.01870	-.01340	.01800	-.01660
	GRADIENT	.02839	.01269	.00749	.00335	.00144	.00686	-.00146	.00348	.00643	.00572

ARC97-044-11A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (AE6096) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 277/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.476	-.083	.23290	-.07030	-.12110	-.12570	-.10430	-.01690	-.01890	-.03600	-.03440	-.03020
	GRADIENT	.00070	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (AE6097) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. YMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 260/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.350	-.082	.18820	-.01830	-.04970	-.03170	-.01230	.01250	.00180	.00450	.00280	-.01550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 261/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.985	-4.086	.10740	-.07460	-.09510	-.09780	-.07790	-.03690	-.04610	-.05400	-.04900	-.06470
.013	-.116	.14270	-.05370	-.07460	-.07440	-.06990	-.02610	-.04810	-.04220	-.03760	-.05390
.088	3.852	.18340	.01470	-.04250	-.05070	-.05530	-.00360	-.03180	-.03160	-.02650	-.02310
	GRADIENT	.03695	.01123	.00660	.00590	.00284	.00419	.00181	.00281	.00534	.00561

RUN NO. 262/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.713	-.082	.18810	-.06250	-.09530	-.10540	-.10540	-.04030	-.05000	-.06420	-.05780	-.06010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

APC37-044-11A82B OTS+DRAG RING(SRB=NOM MPS=NOM) (AE6098) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1230.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 263/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.417	-.095	.22530	-.02130	-.05020	-.03100	-.01120	.01410	.00710	.00590	.00510	-.01260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.528	-4.026	.11700	-.07090	-.09260	-.09180	-.07630	-.03730	-.03750	-.05170	-.04780	-.05930
.540	-.116	.18950	-.05340	-.07460	-.07770	-.06940	-.02510	-.03170	-.03770	-.03380	-.04680
.624	3.982	.39910	.01440	-.03970	-.04500	-.05330	-.00340	-.02360	-.02520	-.00300	-.01000
	GRADIENT	.03533	.01073	.00664	.00588	.00289	.00426	.00174	.00332	.00563	.00620

RUN NO. 265/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.637	-.092	.20120	-.05280	-.09460	-.10080	-.10420	-.03830	-.03620	-.05500	-.05040	-.04780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

APC37-044-11A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (AE6099) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1230.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 266/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
-3.417	-.092	.23260	-.01960	-.04990	-.03400	-.01280	.01450	.02270	.00700	.00540	-.00510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
.494	-4.030	.12190	-.07050	-.09240	-.09160	-.07800	-.03450	.00420	-.03350	-.03640	-.01890
.547	-.116	.19280	-.05430	-.07630	-.07500	-.07150	-.02850	-.00350	-.02340	-.02540	-.01940
.628	3.962	.39910	.01570	-.03950	-.04740	-.05420	-.00540	-.01040	-.02290	-.00230	.00430
	GRADIENT	.03471	.01084	.00664	.00555	.00299	.00366	-.00183	.00132	.00428	.00293

ARC97-044-11A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (AE6099) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 2.200 PT = 30.700

RUN NO. 268/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160
4.667	-.092	.19880	-.05340	-.09540	-.10640	-.10620	-.04250	-.01830	-.04120	-.04450	-.02530
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (BE6001) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 1.550 PT = 30.700

RUN NO. 1/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	.85460	-.08160	-.03740	-.01530	.01900	-.00010	.06930	.07880	.05230	-.00960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	.85870	-.12830	-.03490	.00410	.06720	.02360	-.00560	.02880	.04140	.01080
[illegible]	[illegible]	[illegible]	-.18200	-.07510	-.02510	.03380	-.01290	.04370	.04980	.02790	-.02490
[illegible]	3.910	.81130	-.22300	-.08360	-.02840	.00000	-.04220	.01380	.03250	.00320	-.05570
	GRADIENT	-.01882	-.01193	-.00607	-.00405	-.00841	-.00823	.00236	.00043	-.00479	-.00832

RUN NO. 3/ 0 RN/L = 4.07 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	.8810	-.17350	-.09720	-.03510	.02260	-.03980	-.03310	-.03760	-.04020	-.06260
	GRADIENT	.0000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-IIA82B OTS+RAKES(SRB=NOM- MPS=NOM) (8E50C2) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1292.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 13/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.995	-.144	.25960	-.07680	-.03290	-.01300	.01960	.00300	.07750	.08560	.05900	-.00370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 14/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.019	-4.091	.26620	-.12500	-.03310	.00570	.06800	.02630	.00220	.03360	.04560	.01530
-.008	-.191	.20640	-.18840	-.07440	-.02260	.03490	-.01100	.04930	.05330	.02890	-.02080
-.019	3.897	.19440	-.22070	-.08190	-.02740	-.00180	-.03920	.01840	.03760	.00650	-.05110
	GRADIENT	-.00895	-.01195	-.00608	-.00412	-.00874	-.00819	.00196	.00047	-.00490	-.00831

RUN NO. 15/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.152	-.140	.16720	-.17370	-.09460	-.03090	.02370	-.03800	-.03010	-.03390	-.03870	-.05780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM) (8E6J03) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 4/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.995	-.144	.25790	-.07950	-.03340	-.01310	.01950	.00340	.07590	.08470	.05700	-.00280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 5/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.009	-4.089	.26450	-.12790	-.03480	.00300	.05670	.02570	.00150	.03240	.04430	.01620
.022	-.181	.20570	-.18940	-.07530	-.02350	.03450	-.01120	.04930	.05410	.02760	-.02090
-.022	3.900	.19470	-.22260	-.08380	-.02730	-.00130	-.04120	.01780	.03690	.00580	-.05230
	GRADIENT	.00469	-.01183	-.00610	-.00377	-.00851	-.00837	.00197	.00053	-.00482	-.00857

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (BE6003) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 6/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-1.15	-.140	.16690	-.17430	-.09550	-.03500	.02190	-.03860	-.03040	-.03500	-.03880	-.05940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (BE6004) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 7/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.985	-.144	.25760	-.07600	-.03350	-.01360	.02000	.00260	.07520	.08440	.05720	-.00170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 8/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-1.046	-4.031	.25610	-.12700	-.03450	.00460	.06810	.02480	.00010	.03250	.04410	.01640
-1.015	-.139	.20580	-.18790	-.07520	-.02130	.03460	-.01180	.04960	.05380	.02800	-.02060
-1.039	3.887	.19450	-.22200	-.08320	-.02740	-.00090	-.04130	.01950	.03710	.00720	-.05030
	GRADIENT	-.00882	-.01187	-.00607	-.00399	-.00864	-.00827	.00236	.00054	-.00462	-.00834

RUN NO. 9/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-1.128	-.140	.16700	-.17380	-.09530	-.03260	.02240	-.03840	-.02940	-.03430	-.03790	-.05700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (BE6005) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 10/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.893	.144	.25830	-.07640	-.03310	-.01360	.01980	.00240	.07630	.08340	.05640	.00060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 11/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.049	-4.089	.26410	-.12670	-.03470	.00350	.06640	.02460	.00150	.03210	.04550	.01710
-.032	-.181	.20920	-.18480	-.07230	-.02020	.03630	-.00890	.05130	.05360	.02870	-.01760
-.042	3.897	.19520	-.22210	-.08360	-.02830	-.00190	-.04180	.02030	.03700	.00530	-.04790
	GRADIENT	-.00859	-.01193	-.00610	-.00397	-.00856	-.00831	.00228	.00058	-.00504	-.00814

RUN NO. 12/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.112	-.140	.16570	-.17560	-.09500	-.03370	.02160	-.03890	-.02980	-.03630	-.03810	-.05750
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=VARY MPS=NOM) (BE6006) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 1.550
PT = 30.700

RUN NO. 70/ 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.028	117.280	.20130	-.19200	-.07840	-.02540	.03050	-.01400	.04830	.05250	.02520	-.02420
.023	167.540	.20190	-.19100	-.07710	-.02440	.03370	-.01270	.05000	.05450	.02600	-.02310
.032	168.310	.20160	-.19080	-.07810	-.02490	.03310	-.01310	.04890	.05390	.02660	-.02360
.013	166.870	.20420	-.19020	-.07600	-.02360	.03380	-.01160	.05010	.05480	.02740	-.02170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM-) (BE6007) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 66/ 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.931	-.150	.25350	-.08040	-.03740	-.01710	.01840	.00130	.07330	.08180	.05360	-.00610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 67/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.015	-4.101	.28560	-.12840	-.03500	.00310	.06770	.02640	-.00010	.03190	.04180	.01510
.015	-.184	.20580	-.19000	-.07500	-.02340	.03510	-.01210	.04940	.05460	.02660	-.02180
.002	3.903	.19250	-.22480	-.08390	-.02820	-.00360	-.04100	.01780	.03750	.00360	-.05210
	GRADIENT	-.00909	-.01202	-.00608	-.00389	-.00891	-.00841	.00216	.00166	-.00478	-.00839

RUN NO. 68/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.102	-.147	.16510	-.17440	-.09880	-.03700	.01990	-.04180	-.03100	-.03700	-.04260	-.06180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM+) (BE6009) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 16/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.935	-.144	.25640	-.07560	-.03370	-.01400	.01840	.00240	.07530	.08350	.05740	-.00320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 17/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.042	-4.091	.28580	-.12570	-.03530	.00420	.06630	.02510	.00170	.03220	.04420	.01580
-.022	-.181	.20800	-.18920	-.07540	-.02340	.03440	-.01110	.04950	.05390	.02920	-.02110
-.045	3.897	.19610	-.22160	-.08300	-.02710	.00020	-.03990	.01960	.03770	.00660	-.04980
	GRADIENT	-.00868	-.01198	-.00594	-.00390	-.00828	-.00813	.00217	.00066	-.00471	-.00820

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (BE6008) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 187 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.032	-.140	.16920	-.17190	-.09350	-.03100	.02340	-.03760	-.02820	-.03360	-.03720	-.05730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (BE6009) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 1.550
PT = 30.700

RUN NO. 69/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.052	2.030	.20400	-.19000	-.07630	-.02220	.03280	-.01220	.04890	.05420	.02690	-.02280
.052	2.011	.20300	-.19160	-.07680	-.02480	.03270	-.01360	.04800	.05240	.02630	-.02310
.032	1.988	.20490	-.19050	-.07680	-.02380	.03340	-.01220	.04910	.05340	.02650	-.02300
.032	1.969	.20560	-.19070	-.07650	-.02270	.03350	-.01230	.05010	.05430	.02790	-.02250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (BE6010) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 197 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-2.980	-.035	.33900	-.05530	-.02210	-.00740	.01510	.02220	.04840	.05870	.08060	.01620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=OFF MPS=OFF) (BE6010) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 20/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.374	-4.043	.35440	-.00520	-.05360	-.05520	-.04500	.01440	.00130	.04660	.08780	.03560
.397	-.135	.28040	-.06990	-.09510	-.09390	-.06060	-.00500	.02260	.02960	.05390	-.00710
.374	3.945	.17440	-.10740	-.11020	-.09860	-.04700	-.03130	.00220	.00420	.03870	-.02770
	GRADIENT	-.02258	-.01277	-.00708	-.00402	-.00022	-.00573	.00007	-.00531	-.00613	-.00790

RUN NO. 21/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.540	-.095	.24480	-.08380	-.11850	-.12300	-.09250	-.02480	-.01870	-.00230	.03470	-.02740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM- MPS=NOM) (BE6011) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 55/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.827	-.095	.38520	-.06070	-.09860	-.00930	.01430	.02010	.04700	.05590	.06950	.01490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 56/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.320	-4.046	.35700	-.00650	-.05710	-.05820	-.04700	.00820	-.00230	.03930	.07620	.03360
.266	-.132	.28470	-.07550	-.08910	-.09610	-.06480	-.01100	.01930	.02680	.04150	-.01030
.313	3.952	.16330	-.11060	-.11240	-.08790	-.04980	-.03560	.00110	.00220	.02690	-.02910
	GRADIENT	-.02426	-.01274	-.00691	-.00367	-.00032	-.00548	.00039	-.00465	-.00515	-.00782

RUN NO. 57/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.463	-.095	.24650	-.07920	-.12310	-.12790	-.09710	-.02780	-.01220	-.00110	.02360	-.02800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

AEDC-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM) (BE6012) (29 JAN 76)

REFERENCE DATA

SREF = 2690.3000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 46/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.604	-.035	.38950	-.05690	-.02320	-.00560	.01590	.02050	.04840	.05880	.07310	.01690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 47/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.327	-4.049	.35490	-.00710	-.06530	-.05680	-.04590	-.00950	.00210	.04150	.07910	.03560
.353	-.132	.36680	-.07750	-.09030	-.09540	-.06250	-.00990	.01950	.02600	.04380	-.00760
.323	3.952	.18040	-.11150	-.11300	-.08900	-.04870	-.03320	.00390	.00370	.02950	-.02820
	GRADIENT	-.02401	-.01302	-.00708	-.00399	-.00032	-.00534	.00020	-.00473	-.00618	-.00795

RUN NO. 48/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
+.439	-.092	.24730	-.07840	-.12340	-.12850	-.09640	-.02790	-.01440	-.00280	.02380	-.02790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AEDC-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM) (BE6013) (29 JAN 76)

REFERENCE DATA

SREF = 2690.3000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 49/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.614	-.046	.38180	-.05690	-.02390	-.00620	.01710	.02170	.04990	.05840	.07310	.01820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 50/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.319	-4.049	.34580	-.00760	-.06600	-.05710	-.04410	.01090	.00450	.04290	.08120	.03820
-.293	-.172	.36340	-.07680	-.09000	-.09510	-.06090	-.00910	.02140	.02690	.04370	-.00810
-.323	3.949	.17480	-.11040	-.11100	-.08610	-.04720	-.03260	.00710	.00490	.03070	-.02660
	GRADIENT	-.02733	-.01287	-.00687	-.00359	-.00036	-.00544	.00030	-.00476	-.00629	-.00808

ARC97-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (BE6013) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 690.2700 IN. YMRP = .0000 IN. YT
BREF = 1380.0000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 51/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
+1.+53	-.1.05	.13+950	-.07E+0	-.12140	-.12730	-.09550	-.02690	-.01080	-.00210	.02470	-.02680
	LABEL ENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (BE6014) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 690.2700 IN. YMRP = .0000 IN. YT
BREF = 1380.0000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 52/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
	-.1.05	.13+950	-.08130	-.12570	-.12940	.01580	.02080	.05220	.05680	.07330	.02150
	LABEL ENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 53/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
+10.	-.1.05	.13+950	-.08610	-.05490	-.05620	-.04460	.01060	.01010	.04170	.08020	.03970
+7.+7	-.1.05	.13+950	-.07E+0	-.09000	-.09E10	-.06350	-.01130	.02160	.02320	.04110	-.00750
+7.0	-.1.05	.13+950	-.11120	-.11150	-.087+0	-.04980	-.03590	.01030	.00050	.02710	-.02470
	LABEL ENT	-.13+02	-.01311	-.00707	-.00386	-.00050	-.00592	.00001	-.00516	-.01662	-.00803

RUN NO. 54/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
	-.1.05	.13+950	-.07910	-.12130	-.12870	-.09730	-.02900	-.00850	-.00300	.02500	-.02650
	GRAD ENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=VARY MPS=NOM) (BE6015) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1201.3000 IN. YMRP = .0000 IN. YT
BREF = 1891.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .010

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.000
PT = 30.700

RUN NO. 66/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BARIAB	CP:61	CP:62	CP:63	CP:64	CP:65	CP:66	CP:67	CP:68	CP:69	CP:70
[illegible]	[illegible]	[illegible]	-.07480	-.08790	-.09950	-.06270	-.00870	.02160	.02790	.04330	-.00920
[illegible]	[illegible]	[illegible]	-.07600	-.09050	-.09820	-.06650	-.01240	.01840	.02520	.04230	-.01050
GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM-) (BE6016) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
[illegible] YMRP = .0000 IN. YT
[illegible] ZMRP = 400.0000 IN. ZT
[illegible]

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 61/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

[illegible]	BETA	CP:61	CP:62	CP:63	CP:64	CP:65	CP:66	CP:67	CP:68	CP:69	CP:70
[illegible]	[illegible]	[illegible]	-.08970	-.09850	-.08810	.01580	.02080	.04750	.05780	.07340	.01430
[illegible]	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 63/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

[illegible]	BETA	CP:61	CP:62	CP:63	CP:64	CP:65	CP:66	CP:67	CP:68	CP:69	CP:70
[illegible]	[illegible]	[illegible]	-.06710	-.05640	-.04630	.00880	-.00010	.04060	.07940	.03470
[illegible]	[illegible]	[illegible]	-.07070	-.08930	-.03530	-.06370	-.01130	.01910	.02590	.04190	-.03970
[illegible]	[illegible]	[illegible]	-.11030	-.11140	-.08830	-.04970	-.03500	.00230	.00190	.02810	-.02910
[illegible]	GRADIENT	-.00548	-.00697	-.00697	-.00368	-.00040	-.00548	.00027	-.00485	-.00539	-.00795

RUN NO. 63/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

[illegible]	BETA	CP:61	CP:62	CP:63	CP:64	CP:65	CP:66	CP:67	CP:68	CP:69	CP:70
[illegible]	[illegible]	[illegible]	-.07770	-.12330	-.12780	-.09740	-.02780	-.01330	-.00310	.02590	-.02770
[illegible]	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (SEED17) (29 JAN 75)

REFERENCE DATA

SREF = 2681.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 59/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.051	-.038	.00+00	-.05980	-.02550	-.00760	.01660	.02190	.04960	.05900	.07210	.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 59/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.706	-4.046	.38+80	-.00630	-.05880	-.05580	-.04400	.01100	.00420	.04340	.07920	.03470
.313	-.132	.40+70	-.07940	-.09060	-.09670	-.06500	-.01240	.01930	.02450	.04140	-.01070
.310	3.934	.16360	-.11160	-.11220	-.08760	-.04830	-.03440	.00220	.00280	.02980	-.02780
	GRADIENT	-.02458	-.01314	-.00704	-.00393	-.00050	-.00568	-.00028	-.00511	-.00628	-.00779

RUN NO. 60/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.478	-.035	.24+80	-.11910	-.12260	-.12720	-.09550	-.02620	-.01030	-.00340	.02550	-.02520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (SEED18) (29 JAN 75)

REFERENCE DATA

SREF = 2681.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.000
PT = 30.700

RUN NO. 64/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MPSCRP	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	28+10	-.07+50	-.02810	-.09520	-.06350	-.00960	.02110	.02690	.04330	-.00900
[illegible]	[illegible]	28+50	-.07+70	-.02890	-.09580	-.06+70	-.01090	.02020	.02650	.04320	-.00680
[illegible]	[illegible]	.28+10	-.07760	-.09160	-.09940	-.06610	-.01280	.01920	.02430	.04150	-.00960
[illegible]	[illegible]	.28+00	-.07670	-.08970	-.09720	-.06440	-.01170	.01930	.02530	.04280	-.01070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (BE5019) (29 JAN 75)

REFERENCE DATA

SREF = 6630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = 1890.0000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.209 PT = 30.700

RUN NO. 22/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.373	-.089	.26560	-.03010	-.05330	-.03120	-.00390	.00350	.03230	.04070	.09330	.01220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 23/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.591	-4.036	.40430	.01210	-.03320	-.04480	-.04960	-.00690	-.02250	.02080	.09540	.02290
.601	-.086	.26560	-.03533	-.05350	-.03010	-.07130	-.03650	-.00080	.00530	.08580	-.01280
.595	3.862	.16680	-.07930	-.09410	-.09510	-.06990	-.04590	-.01730	-.01550	.04910	-.03570
	GRADIENT	-.03112	-.01016	-.00684	-.00628	-.00265	-.00465	.00162	-.00486	-.00579	-.00745

RUN NO. 24/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.367	-.089	.26510	-.03000	-.05330	-.03400	-.00400	-.00900	-.03770	-.01940	.05110	-.03460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS+RAKES(SRB=NOM- MPS=NOM) (BE6020) (03 JAN 75)

REFERENCE DATA

SREF = 6630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 3- 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.03190	-.00150	.00660	.03730	[illegible]	.08470	.01230
	[illegible]	[illegible]	[illegible]	[illegible]	.00000	.00000	.00000	.00000	[illegible]	.00000	.00000

RUN NO. 40 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.04190	-.05120	-.00630	-.01740	.03090	.08380	.02110
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.03340	-.07600	-.03450	-.00220	.00890	.08320	-.01660
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.03340	-.07600	-.04820	-.02660	-.01810	.07740	-.03700
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.03693	-.07836	-.00582	.00026	-.00460	-.00871	-.00724

ARC97-044-IIA82B OTS+RAKES(SRB=NOM- MPS=NOM) (BE6020) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1280.3000 IN. YMRP = .0000 IN. YT
BREF = 1280.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 36/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	-.089	.34130	-.07660	-.09800	-.10030	-.09990	-.06090	-.03450	-.02010	.03880	-.03620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM) (BE6021) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1280.3000 IN. YMRP = .0000 IN. YT
BREF = 1280.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 25/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	-.089	.28250	-.03140	-.05280	-.02970	-.00200	.00590	.03800	.04490	.08280	.01540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 26/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	-4.078	.47790	-.03100	-.03890	-.04350	-.04720	-.00580	-.01350	.02390	.08810	.00450
[illegible]	-.189	.24200	-.05800	-.07710	-.08110	-.07190	-.03590	.00200	.00510	.05800	-.01320
[illegible]	3.949	.15350	-.08940	-.09290	-.10060	-.07620	-.04540	-.01280	-.01350	.04230	-.03600
	GRADIENT	-.03179	-.00991	-.00674	-.00713	-.00361	-.00494	.00006	-.00468	-.00572	-.00756

RUN NO. 27/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	-.089	.35500	-.07040	-.09330	-.09540	-.09410	-.05760	-.03260	-.01600	.04540	-.03380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (BE6022) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1230.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 28/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.+13	-.032	.68570	-.02340	-.05110	-.02860	.00030	.00800	.04110	.04630	.09270	.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 29/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.033	-4.036	.40940	.00540	-.03610	-.04150	-.04440	-.00250	-.00390	.02790	.09400	.03000
.454	-.128	.24140	-.05650	-.07610	-.07920	-.07030	-.03440	.00440	.00720	.05960	-.01200
.531	3.9+9	.15360	-.08910	-.09690	-.10290	-.07830	-.04770	-.01090	-.01650	.04350	-.03250
	GRADIENT	-.03196	-.01092	-.00747	-.00768	-.00423	-.00564	-.00090	-.00556	-.00631	-.00781

RUN NO. 30/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.647	-.089	.24500	-.07360	-.09560	-.09910	-.09810	-.05960	-.03280	-.01860	.04870	-.03370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (BE6023) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1230.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 31/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.+13	-.032	.68360	-.03020	-.05210	-.02980	-.00180	.00610	.04520	.04270	.08830	.02190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 32/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.048	-4.036	.40980	-.00480	-.04260	-.04890	-.05300	-.00920	.00360	.02110	.09080	.03140
.567	-.126	.23130	-.05360	-.08130	-.08280	-.07440	-.03750	.00710	.00350	.06070	-.00730
.648	3.9+9	.15360	-.08150	-.09530	-.10170	-.07670	-.04710	.00710	-.01330	.04580	-.01770
	GRADIENT	-.03155	-.00959	-.00658	-.00660	-.00295	-.00473	.00044	-.00431	-.00562	-.00612

ARC97-044-IIA82B OTS+RAKES(SRB=NOM++ MPS=NOM) (BE6023) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 33/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
+.550	-.092	.2+3+0	-.07320	-.09550	-.09970	-.09910	-.06180	-.02990	-.01970	.04710	-.03320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB VARY MPS=NOM) (BE6024) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.200
PT = 30.700

RUN NO. 45/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SRBCPR	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.5[illegible]	684.710	.22940	-.06140	-.08590	-.07750	-.06540	-.03750	-.00110	.00220	.05340	-.01740
.550	3[illegible]8.710	.22970	-.06950	-.08440	-.07560	-.06230	-.03530	.00240	.00520	.05490	-.01360
.5[illegible]	4[illegible]5.270	.22900	-.06140	-.08680	- 07780	-.06540	-.03790	.00100	.00200	.05320	-.01610
.5[illegible]	5[illegible]3.630	.22860	-.05970	-.08390	-.07500	-.06220	-.03550	.00240	.00430	.05510	-.01330
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM-) (BE6025) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 40/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.420	-.092	.26050	-.03230	-.05570	-.03280	-.00440	.00600	.03600	.04310	.00560	.01430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM-) (BE6025) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 41/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.521	-4.042	.14630	-.00600	-.04340	-.04960	-.05360	-.00900	-.01810	.01900	.08480	.02330
.520	-.125	.23440	-.05960	-.08070	-.08360	-.07340	-.03690	.00080	.00310	.05470	-.01510
.504	3.959	.15360	-.08240	-.09650	-.10360	-.07340	-.04820	-.01510	-.01550	.03820	-.03850
	GRADIENT	-.03150	-.00952	-.00662	-.00674	-.00309	-.00488	.00034	-.00431	-.00581	-.00771

RUN NO. 42/ 0 RN/L = 3.29 GRADIENT INTERVAL -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.643	-.089	.24340	-.07420	-.09650	-.10010	-.09880	-.06130	-.03490	-.01970	.04080	-.03630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM+) (BE6026) (29 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 37/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.433	-.082	.26290	-.03250	-.05500	-.03210	-.00330	.00560	.03710	.04420	.08440	.01540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 38/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.508	-4.042	.14290	-.00700	-.04310	-.04930	-.05310	-.00820	-.01470	.02010	.08410	.02220
.523	-.125	.23240	-.05910	-.08140	-.08490	-.07430	-.03650	.00090	.00420	.05420	-.01590
.514	3.955	.15150	-.08390	-.09710	-.10360	-.07830	-.04790	-.01470	-.01590	.03950	-.03650
	GRADIENT	-.03185	-.00958	-.00673	-.00677	-.00314	-.00495	-.00003	-.00450	-.00556	-.00732

RUN NO. 39/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.637	-.092	.24160	-.07540	-.09750	-.10110	-.10090	-.06230	-.03410	-.02090	.04120	-.03670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

TABULATED SOURCE DATA - IA82B

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (BE6027) (29 JAN 76)

REFERENCE DATA

SREF = 8430.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1881.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.200
PT = 30.700

RUN NO. 43/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MPSCPR	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.000	991.860	.22100	-.05970	-.08430	-.07490	-.06390	-.03600	.00160	.00390	.05400	-.01580
.[illegible]	[illegible]	.[illegible]	-.06000	-.08420	-.07540	-.06320	-.03530	.00110	.00440	.05460	-.01520
.[illegible]	[illegible]	[illegible]	-.06000	-.08580	-.07670	-.06420	-.03580	.00150	.00290	.05540	-.01530
.[illegible]	[illegible]	.22100	-.06000	-.08420	-.07500	-.06230	-.03590	.00160	.00360	.05490	-.01480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (BE6028) (22 JAN 76)

REFERENCE DATA

SREF = 8430.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1881.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 113/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.005	-.150	.25500	-.08120	-.03690	-.01520	.01970	.00210	.07110	.08030	.05410	-.00860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 114/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.[illegible]	-.[illegible]085	.28[illegible]70	-.12970	-.03580	.00240	.06530	.02330	-.00410	.02940	.03880	.00920
.[illegible]	-2.[illegible]40	.27[illegible]90	-.16390	-.05850	-.01270	.05460	.00620	.02610	.03270	.02980	.00080
.[illegible]	-.[illegible]171	.20[illegible]80	-.18330	-.07640	-.02490	.03470	-.01180	.04510	.05180	.02720	-.02630
.[illegible]96	1.[illegible]87	.1[illegible]830	-.20260	-.08830	-.02110	.01540	-.02670	.03560	.04440	.00800	-.04660
.[illegible]48	3.[illegible]03	.1[illegible]960	-.22320	-.08460	-.02770	-.00110	-.04150	.01360	.03460	.00290	-.05630
	GRADIENT	-.[illegible]1840	-.01186	-.00535	-.00341	-.00860	-.00812	.00219	.00108	-.00469	-.00892

RUN NO. 115/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
+ 2.12	-.[illegible]44	.[illegible]8150	-.17320	-.09890	-.03670	.02110	-.04230	-.03300	-.03840	-.04180	-.06390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=NOM- MPS=NOM) (BE6029) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 119/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.992	-.150	.25480	-.07680	-.03430	-.01570	.01770	.00200	.07610	.08420	.05630	-.00480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 120/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.022	-4.085	.26510	-.12760	-.03450	.00380	.06630	.02600	.00000	.03270	.04280	.01440
-.022	-.168	.20570	-.18950	-.07510	-.02330	.03410	-.01200	.05020	.05540	.02870	-.02230
-.022	3.905	.13830	-.22470	-.08480	-.02900	-.00360	-.04170	.01750	.03710	.00450	-.05410
	GRADIENT	-.00900	-.01213	-.00627	-.00409	-.00875	-.00846	.00212	.00052	-.00480	-.00857

RUN NO. 121/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.135	-.144	.16430	-.17440	-.09600	-.03430	.02110	-.03900	-.02890	-.03620	-.04150	-.06000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=NOM MPS=NOM) (BE6030) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 116/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.978	-.147	.25260	-.07210	-.03610	-.01480	.01830	.00180	.07510	.08260	.05530	-.00450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (BE6030) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 117/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.022	-4.685	.26480	-.12940	-.03650	.00480	.06650	.02570	-.00030	.03250	.04300	.01470
-.018	-2.140	.23480	-.16860	-.05720	-.01100	.05430	.00610	.03330	.03670	.03240	.00420
-.022	-.171	.20410	-.18960	-.07580	-.02390	.03300	-.01240	.04890	.05370	.02760	-.02230
-.042	1.860	.19010	-.20470	-.08950	-.02220	.01390	-.02760	.03980	.04660	.00770	-.04650
-.039	3.903	.19390	-.22330	-.09330	-.02760	-.00310	-.04070	.01970	.03780	.00380	-.05350
	GRADIENT	-.00329	-.01147	-.00622	-.00378	-.00898	-.00832	.00227	.00100	-.00516	-.00935

RUN NO. 118/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.188	-.147	.18400	-.17520	-.09740	-.03380	.02100	-.03980	-.02960	-.03600	-.04020	-.06170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM+ MPS=NOM) (BE6031) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. YMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 124/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.183	-.169	.28900	-.07700	-.03370	-.01320	.01850	.00260	.07640	.08480	.05740	-.00140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 122/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.188	-.147	.28950	-.07530	-.03350	-.01290	.01870	.00320	.07740	.08450	.05770	-.00210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM+ MPS=NOM) (BE6031) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 123/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.055	-4.085	.26590	-.12690	-.03480	.00390	.06590	.02480	.00140	.03270	.04370	.01520
-.058	-.171	.20550	-.19000	-.07700	-.02310	.03150	-.01290	.04840	.05290	.02730	-.02250
-.055	3.903	.19340	-.22250	-.08410	-.02780	-.00120	-.04090	.01990	.03780	.00560	-.05140
	GRADIENT	-.00903	-.01194	-.00614	-.00395	-.00840	-.00822	.00225	.00061	-.00477	-.00833

ARC97-044-11A82B OTS(SRB=NOM++ MPS=NOM) (BE6032) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 125/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
+.032	-.165	.25810	-.07430	-.03280	-.01280	.02050	.00380	.07810	.08540	.05850	.00110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 126/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.026	-4.085	.26660	-.12610	-.03360	.00570	.06640	.02590	.00340	.03380	.04550	.01740
-.059	-.169	.21660	-.18830	-.07480	-.02230	.03390	-.01090	.04960	.05290	.02700	-.02020
-.059	3.906	.19440	-.22100	-.08180	-.02630	.00000	-.03990	.02190	.03860	.00670	-.04810
	GRADIENT	-.00929	-.01172	-.00600	-.00338	-.00831	-.00823	.00225	.00057	-.00486	-.00819

RUN NO. 127/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
+.015	-.169	.18660	-.17150	-.03400	-.03100	.02280	-.03610	-.02690	-.03300	-.03840	-.05470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM-) (BE6033) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 128/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.018	-.165	.26940	-.07650	-.03340	-.01300	.02080	.00450	.07810	.08640	.05820	-.00310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 129/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.042	-4.082	.26380	-.12700	-.03470	.00320	.06560	.02530	.00040	.03260	.04290	.01440
-4.039	-.169	.26610	-.10890	-.07460	-.02200	.03310	-.01130	.05060	.05610	.02800	-.02190
-4.052	3.906	.19420	-.22250	-.08310	-.02780	-.00220	-.04010	.01940	.03820	.00480	-.05170
	GRADIENT	-.00869	-.01193	-.00603	-.00386	-.00849	-.00818	.00231	.00067	-.00478	-.00827

RUN NO. 130/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.028	-.171	.26760	-.12820	-.03460	-.03240	.02270	-.03830	-.02900	-.03550	-.03880	-.05970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM+) (BE6034) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 131/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.016	-.165	.26890	-.07650	-.03310	-.01320	.01970	.00180	.07710	.08470	.05770	-.00330
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 132/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.040	-4.082	.26370	-.12680	-.03430	.00500	.06620	.02590	.00340	.03440	.04590	.01530
-4.045	-.169	.26610	-.10970	-.07580	-.02330	.03330	-.01200	.05000	.05430	.02710	-.02220
-4.058	3.906	.19400	-.22260	-.08400	-.02730	-.00220	-.04030	.01890	.03790	.00550	-.05280
	GRADIENT	-.00911	-.01209	-.00619	-.00402	-.00856	-.00828	.00187	.00041	-.00506	-.00852

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM+) (BE6034) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 133/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.065	-.171	.16840	-.17370	-.09520	-.03180	.02230	-.03880	-.02930	-.03490	-.03780	-.05790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (BE6035) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-[illegible]	-.117	.32550	-.05930	-.02810	-.01080	.01250	.01850	.04420	.05430	.07380	.01450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	+4.039	[illegible]	-.03590	-.05490	-.05810	-.04690	.01000	-.00420	.04120	.08180	.03200
[illegible]	+2.060	[illegible]	-.04160	-.07960	-.08420	-.06000	-.00480	.01470	.03090	.06000	.00990
[illegible]	-.123	[illegible]	-.07390	-.09040	-.09790	-.06440	-.01050	.01750	.02470	.04720	-.00550
[illegible]	-2.098	[illegible]	-.07460	-.10070	-.09830	-.05600	-.02540	.01060	.01230	.03800	-.02440
[illegible]	-4.265	[illegible]	-.10880	-.11180	-.08390	-.04980	-.03320	.00120	.00260	.03260	-.03030
	GRADIENT	-.02547	-.01893	-.00675	-.00386	-.00017	-.00536	.00031	-.00480	-.00601	-.00794

RUN NO. 94/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	-.098	[illegible]	-.08220	-.11750	-.12010	-.09230	-.02700	-.01800	-.00390	.02910	-.02500
	GRADIENT	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM- MPS=NOM) (BE6036) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 98/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.951	-.102	.33120	-.06020	-.02420	-.00580	.01690	.02220	.05020	.06040	.07330	.01710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 99/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.297	-4.039	.35670	-.00690	-.05630	-.05650	-.04470	.01040	-.00030	.04250	.08010	.03440
.313	-.103	.29650	-.07800	-.09020	-.09630	-.06380	-.01070	.01980	.02680	.04470	-.00800
.293	3.955	.15970	-.11120	-.11210	-.08740	-.04930	-.03200	.00360	.00530	.03010	-.02920
	GRADIENT	-.02466	-.01301	-.00701	-.00382	-.00055	-.00530	.00046	-.00466	-.00624	-.00794

RUN NO. 100/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.179	-.098	.26460	-.07830	-.12380	-.12750	-.09690	-.02730	-.01500	-.00240	.02630	-.02640
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (BE6037) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 95/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-7.841	-.102	.39890	-.05940	-.02420	-.00750	.01610	.02200	.05010	.06000	.07280	.01570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS(SRB=NOM MPS=NOM) (BE6037) (22 JAN 76)

REFERENCE DATA

SREF = 8630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1080.3000 IN. YMRP = .0000 IN. YT
BREF = 1080.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 96/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.006	-4.039	.36540	-.00900	-.05650	-.05560	-.04550	.01190	.00290	.04330	.08110	.03510
.003	-2.081	.32460	-.03980	-.07490	-.07870	-.05500	-.00130	.02010	.03620	.05930	.01340
.006	-.123	.28430	-.07800	-.08990	-.09600	-.06420	-.01040	.02100	.02690	.04370	-.00760
.009	1.835	.20470	-.09600	-.10060	-.09550	-.05630	-.02480	.01290	.01310	.03480	-.02260
.006	3.852	.15930	-.10870	-.10310	-.08650	-.04710	-.03030	.00540	.00480	.03060	-.02830
	GRADIENT	-.02657	-.01286	-.00653	-.00389	-.00020	-.00539	-.00014	-.00501	-.00625	-.00822

RUN NO. 97/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.+93	-.039	.26370	-.07960	-.12410	-.12820	-.09730	-.02890	-.01500	-.00410	.02390	-.03040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS(SRB=NOM+ MPS=NOM) (BE6038) (22 JAN 76)

REFERENCE DATA

SREF = 8630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1080.3000 IN. YMRP = .0000 IN. YT
BREF = 1080.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 101/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.+86	-.039	.32840	-.05910	-.02190	-.00420	.01920	.02240	.05110	.05980	.07460	.01810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 102/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.003	-4.041	.35920	-.00580	-.05470	-.05520	-.04340	.01240	.00510	.04360	.08260	.03550
.006	-.123	.28580	-.07740	-.08880	-.09550	-.06220	-.01040	.02050	.02660	.04580	-.00770
.003	3.855	.15960	-.11000	-.11000	-.08650	-.04740	-.03230	.00820	.00440	.03230	-.02820
	GRADIENT	-.02438	-.01302	-.00697	-.00387	-.00047	-.00559	.00011	-.00491	-.00627	-.00795

ARC97-044-11A82B OTS(SRB=NOM+ MPS=NOM) (BE5038) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 103/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-1.443	-.095	.24410	-.07730	-.12250	-.12750	-.09490	-.02630	-.01130	-.00080	.02540	-.02560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM++ MPS=NOM) (BE6039) (27 JAN 76)

REFERENCE DATA

SREF = 2690.1000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 104/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-1.687	-.095	.22850	-.05780	-.02350	-.00460	.01750	.02290	.05340	.00040	.07800	.02140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 105 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.100	-4.040	.25710	-.03630	-.08570	-.05700	-.04540	.01020	.01100	.04340	.08140	.04050
.896	-.133	.22090	-.07660	-.08780	-.09460	-.06260	-.00940	.02220	.02370	.04480	-.00630
.993	.095	.24410	-.07720	-.11190	-.08770	-.04860	-.03390	.00350	.00010	.03040	-.02310
	GRADIENT	- .00043	-.01308	-.00696	-.00680	-.00037	-.00552	-.00021	-.00542	-.00536	-.00784

RUN NO 106/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-1.479	-.095	.24350	-.07720	-.12060	-.12610	-.09480	-.02610	-.00690	-.00010	.02850	-.02450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS(SRB=NOM MPS=NOM-)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1200.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 107/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.661	-.098	.32170	-.09100	-.02750	-.00950	.01480	.02050	.04960	.05850	.07370	.01840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 108/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.683	-.035	.28570	-.08880	-.05620	-.05710	-.04510	.01010	.00080	.04100	.07960	.03380
.841	-.123	.28890	-.07660	-.08600	-.09330	-.06450	-.01090	.01940	.02660	.04370	-.01100
2.0	3.955	.19650	-.11010	-.11030	-.09690	-.04940	-.03460	.00150	.00150	.02780	-.02990
	DYAL DN*	-.18688	-.01872	-.00084	-.00369	-.00051	-.00550	.00006	-.00455	-.00849	-.00795

RUN NO. 109/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.662	-.035	.24170	-.08470	-.11300	-.12260	-.09540	-.02720	-.01280	-.00120	.02710	-.02690
	DYAL DN*	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS(SRB=NOM MPS=NOM+)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1200.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 110/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.661	-.098	.31610	-.09330	-.02710	-.00780	.01520	.02210	.04820	.05810	.07470	.01870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 111/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.683	-.035	.28700	-.09200	-.05440	-.05530	-.04690	.01060	.00300	.04190	.07980	.03360
.841	-.123	.28810	-.07880	-.08640	-.09330	-.06630	-.00880	.02010	.02770	.04400	-.00980
2.0	3.955	.19610	-.11300	-.11060	-.09490	-.04780	-.03380	.00240	.00180	.02880	-.02890
	DYAL DN*	-.18647	-.01841	-.00690	-.00359	-.00021	-.00556	.00002	-.00501	-.00829	-.00780

AR097-044-11A82B OTS(SRB=NOM MPS=NOM+) (BE6041) (22 JAN 76)

REFERENCE DATA

SREF = 8937.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1990.8100 IN. YMRP = .0000 IN. YT
RMRP = 1031.4000 IN. ZMRP = 400.0000 IN. ZT
DELE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 112/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.738	-.038	.24270	-.07840	-.12300	-.12610	-.09500	-.02650	-.00960	-.00070	.02750	-.02560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=OFF MPS=OFF) (BE6042) (22 JAN 76)

REFERENCE DATA

SREF = 8937.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1990.8100 IN. YMRP = .0000 IN. YT
RMRP = 1031.4000 IN. ZMRP = 400.0000 IN. ZT
DELE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 71/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.703	-.038	.28440	-.03270	-.05510	-.03160	-.00370	.00420	.03440	.04190	.08450	.00950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 72/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.695	+4.036	.40290	-.00320	-.04120	-.04890	-.05390	-.00940	-.02940	.01950	.08510	.01820
.744	+2.036	.38860	-.03710	-.06090	-.06650	-.06830	-.02570	-.01010	.01500	.06880	-.00090
.697	- .113	.38850	-.05980	-.08080	-.08370	-.07400	-.03670	-.00060	.00360	.05580	-.01710
.701	1.964	.37180	-.07110	-.09130	-.09860	-.07860	-.04500	-.01420	-.01210	.04340	-.03400
.684	3.961	.34160	-.09210	-.09830	-.09910	-.07360	-.04740	-.01830	-.01660	.03930	-.04070
	GRADIENT	-.07952	-.00365	-.00721	-.00661	-.00247	-.00475	.00038	-.00496	-.00583	-.00753

RUN NO. 73/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.778	- .082	.04140	-.07420	-.09840	-.09790	-.09640	-.05980	-.03860	-.01890	.04310	-.03660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM- MPS=NOM) (BE6043) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1680.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 74/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-5.+33	-.032	.26870	-.03250	-.05510	-.03160	-.00340	.00470	.03670	.04310	.08010	.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 75/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.[illegible]	-.032	.[illegible]60	-.00540	-.04330	-.04910	-.05350	-.00970	-.01990	.01940	.08180	.02050
.[illegible]	-.112	.[illegible]740	-.06030	-.09130	-.08440	-.07490	-.03760	.00090	.00420	.05060	-.01650
.[illegible]	3.081	.[illegible]60	-.09380	-.[illegible]830	-.10360	-.07960	-.04790	-.01610	-.01560	.03580	-.03980
	GRADIENT	-.[illegible]083	-.[illegible]965	-.01661	-.00680	-.00313	-.00476	.00044	-.00438	-.00574	-.00753

RUN NO. 76/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
+.000	-.038	.24710	-.07540	-.09880	-.09890	-.09680	-.05750	-.03380	-.01650	.04100	-.03580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (BE6044) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1680.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .01

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 77/ 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	-.035	.[illegible]710	-.03130	-.[illegible]380	-.03170	-.00370	.00490	.03590	.04380	.08570	.01260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP03T-044-11A82B OTS(SRB=NOM MPS=NOM) (BE6044) (22 JAN 76)

REFERENCE DATA

AREF = 2631.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 768.3000 IN. YMRP = .0000 IN. YT
HREF = 1280.3000 IN. ZMRP = 400.0000 IN. ZT
BETA = 0.00

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 78/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.033	-4.033	-.04410	-.00280	-.04170	-.04960	-.05300	-.00980	-.01650	.02130	.08820	.02410
-2.017	-2.183	-.03610	-.03510	-.05980	-.06360	-.06730	-.02160	-.00380	.01990	.07470	.00640
.017	-.116	-.02810	-.02880	-.07950	-.08370	-.07490	-.03590	.00310	.00560	.05700	-.01280
2.067	1.951	-.02140	-.02780	-.09240	-.10070	-.07970	-.04460	-.00980	-.01060	.04590	-.02950
4.084	3.951	-.01440	-.04300	-.09760	-.10450	-.08010	-.04790	-.01430	-.01600	.04040	-.03770
GRADIENT		-.00878	-.00993	-.00725	-.00733	-.00331	-.00495	-.00011	-.00526	-.00620	-.00796

RUN NO. 79/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
2.067	1.983	.03080	-.07530	-.09720	-.09970	-.09800	-.05940	-.03470	-.01670	.04500	-.03480
GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP03T-044-11A82B OTS(SRB=NOM+ MPS=NOM) (BE6045) (22 JAN 76)

REFERENCE DATA

AREF = 2631.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 768.3000 IN. YMRP = .0000 IN. YT
HREF = 1280.3000 IN. ZMRP = 400.0000 IN. ZT
BETA = 0.00

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 80/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-2.017	-2.033	.02610	-.03370	-.05620	-.03370	-.00530	.00430	.03690	.04250	.08600	.01340
GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 81/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.033	-4.033	-.04190	-.00560	-.04300	-.05010	-.05430	-.01100	-.01040	.01900	.08620	.02390
-2.017	-2.116	-.03460	-.03540	-.07780	-.08280	-.07380	-.03590	.00570	.00570	.05920	-.01220
.017	.951	-.02760	-.02820	-.09680	-.10400	-.07970	-.04790	-.01100	-.01520	.04210	-.03500
GRADIENT		-.00845	-.00943	-.00672	-.00673	-.00317	-.00460	-.00010	-.00428	-.00551	-.00736

ARC3T-044-1:A82B OTS(SRB=NOM+ MPS=NOM)

(BE6045) (22 JAN 76)

REFERENCE DA.

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = .010

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 82/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	.000	[illegible]	-.07510	-.09580	-.09990	-.09880	-.06060	-.03330	-.01870	.04530	-.03480
	RADIENT	00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC3T-044-1:A82B OTS(SRB=NOM++ MPS=NOM)

(BE6045) (22 JAN 76)

REFERENCE DATA

[illegible] SQ.FT. XMRP = 976.0000 IN. XT
[illegible] IN. YMRP = .0000 IN. YT
[illegible] IN. ZMRP = 400.0000 IN. ZT
.010

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 83/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	.000	[illegible]	-.03960	-.05690	-.03390	-.00500	.00400	.04250	.04000	.08500	.01840
	RADIENT	00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 84/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	[illegible]	-.00000	-.04380	-.05040	-.05440	-.01040	[illegible]193	.02090	.08780	.03080
[illegible]	[illegible]	[illegible]	-.08060	-.08060	-.08540	-.07540	-.03930	[illegible]320	.00210	.05540	-.00970
[illegible]	[illegible]	[illegible]	-.08780	-.08080	-.10630	-.08120	-.05100	.00500	-.01610	.04220	-.02150
[illegible]	[illegible]	[illegible]	-.08454	-.08086	-.08698	-.08334	-.00506	.00038	-.00463	-.00569	-.00652

RUN NO. 85/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	.000	[illegible]	-.07510	-.09580	-.09990	-.10110	-.06260	-.03130	-.02030	.04290	-.03630
	RADIENT	00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM-) (BE6047) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 86/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.440	- .033	.25470	-.03220	-.05470	-.03240	-.00380	.00580	.03690	.04270	.08530	.01210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 87/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.440	-4.033	.24630	-.03440	-.04160	-.04750	-.05250	-.00920	-.01770	.01950	.08510	.02220
2.560	- .116	.03790	-.05840	-.07990	-.08390	-.07390	-.03760	.00030	.00410	.05510	-.01550
5.560	3.851	.01430	-.06380	-.09860	-.10500	-.08130	-.04960	-.01610	-.01630	.03960	-.03650
	GRADIENT	-.00316	-.00881	-.00711	-.00718	-.00359	-.00504	.00017	-.00448	-.00568	-.00733

RUN NO. 88/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
2.560	- .029	.23690	-.03530	-.05630	-.05900	-.05880	-.06010	-.03470	-.01930	.04160	-.03710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM+) (BE6048) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 89/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.440	- .038	.25800	-.03350	-.05220	-.03010	-.00160	.00840	.03960	.04620	.08750	.01490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 90/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.440	-4.033	.24980	-.03450	-.04060	-.04750	-.05210	-.00840	-.01220	.02210	.08610	.02300
2.560	- .113	.03650	-.05720	-.07950	-.08360	-.07390	-.03790	.00200	.00390	.05670	-.01500
5.560	3.856	.01470	-.06190	-.09670	-.10360	-.07880	-.04820	-.01450	-.01540	.04210	-.03690
	GRADIENT	-.00335	-.00866	-.00700	-.00703	-.00333	-.00496	-.00031	-.00469	-.00549	-.00748

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM+) (BE6048) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 91/ 0 RN/L 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
+.697	-.120	.23680	-.07440	-.09420	-.09980	-.09900	-.06080	-.03310	-.01890	.04510	-.03450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (BE6049) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 134/ 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.952	-.165	.25120	-.08480	-.04000	-.01830	.01470	-.00210	.06860	.07810	.05070	-.01310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 135/ 0 RN/L = 4.15 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP179
.001	-4.082	.25950	-.13390	-.03920	-.00050	.06060	.02040	-.00890	.02600	.03800	.00970
.018	-.169	.19970	-.19520	-.08030	-.02770	.02970	-.01560	.04190	.04610	.02150	-.02900
.001	3.909	.18950	-.23050	-.08850	-.03240	-.00670	-.04580	.01060	.02980	-.00150	-.06040
	GRADIENT	-.00885	-.01207	-.00614	-.00397	-.00843	-.00828	.00237	.00044	-.00495	-.00877

RUN NO. 136/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
+.087	-.169	.18090	-.17670	-.10160	-.03840	.01810	-.04460	-.03780	-.04230	-.04530	-.06610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (BE6050) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 137/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.055	-.155	.25490	-.08450	-.03790	-.01730	.01340	-.00060	.07350	.08240	.05420	-.00830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 138/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.112	-4.092	.26550	-.13230	-.03860	.00160	.06370	.02210	-.00450	.02910	.04070	.01500
-.094	-.169	.20150	-.19480	-.07970	-.02710	.02940	-.01550	.04640	.05000	.02330	-.02700
-.116	3.805	.19160	-.22760	-.09790	-.03230	-.00580	-.04430	.01610	.03410	.00270	-.05550
	GRADIENT	-.00920	-.01190	-.00614	-.00422	-.00883	-.00830	.00251	.00059	-.00476	-.00881

RUN NO. 139/ 0 RN/L = 4.04 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
3.978	-.165	.16420	-.17730	-.10060	-.03920	.01720	-.04230	-.03460	-.04060	-.04240	-.06060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (BE6051) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 143/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.107	-.117	.32210	-.06940	-.03620	-.01780	.00620	.01260	.03900	.05000	.06930	.00790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 144/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.169	-4.030	.35110	-.01230	-.06300	-.06590	-.05310	.00280	-.00910	.03520	.07640	.02400
-.139	-.120	.27450	-.09310	-.09870	-.10580	-.07420	-.02030	.01040	.01770	.03990	-.01740
-.183	3.952	.15020	-.11970	-.11990	-.09780	-.05850	-.04330	-.00760	-.00680	.02620	-.03740
	GRADIENT	-.02521	-.01342	-.00712	-.00396	-.00065	-.00577	.00016	-.00527	-.00627	-.00767

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF)

(BE6051) (22 JAN 76)

REFERENCE DATA

SREF = 2630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1230.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 145/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.333	-.035	.23930	-.08310	-.12800	-.13400	-.10200	-.03320	-.02150	-.00940	.02460	-.03700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM)

(BE6052) (22 JAN 76)

REFERENCE DATA

SREF = 2630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1230.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 140/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.741	-.114	.32130	-.05860	-.03410	-.01590	.00920	.01410	.04210	.05110	.06840	.00960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 141/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.018	-.173	.26870	-.01400	-.06410	-.06440	-.05200	.00380	-.00420	.03500	.07650	.02670
1.842	-.182	.24380	-.03380	-.08570	-.10210	-.06930	-.01590	.01500	.02080	.04030	-.01510
3.918	-.190	.21980	-.05460	-.11410	-.09270	-.05350	-.03940	-.00100	-.00280	.02510	-.03350
GRAD ENT		-.12515	-.01273	-.00883	-.00350	-.00016	-.00541	.00037	-.00474	-.00642	-.00752

RUN NO. 142/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-1.279	.117	.27830	-.03840	-.13180	-.13700	-.10490	-.03400	-.01900	-.00970	.02120	-.03560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=OFF MPS=OFF) (8E6053) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1210.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
DELE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 146/ 0 RN/L = 3.44 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.002	-.107	.24880	-.04240	-.06260	-.04110	-.01390	-.00490	.02670	.03310	.07620	.00160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 147/ 0 RN/L = 3.43 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.611	-4.030	.33620	-.01000	-.04920	-.05790	-.06340	-.02340	-.03410	.00920	.07630	.00920
.617	-.118	.31310	-.06780	-.08620	-.09160	-.08370	-.04900	-.01000	-.00610	.04730	-.02660
.611	3.806	.28360	-.09080	-.10630	-.10940	-.08380	-.05760	-.02670	-.02670	.03270	-.04720
	GRADIENT	-.02270	-.01009	-.00714	-.00644	-.00254	-.00427	.00089	-.00450	-.00545	-.00705

RUN NO. 148/ 0 RN/L = 3.42 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
1.614	-4.130	.28160	-.06830	-.10240	-.10740	-.10700	-.06780	-.04450	-.02880	.03600	-.04470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=NOM MPS=NOM) (8E6054) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1210.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
DELE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 149/ 0 RN/L = 3.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.614	-4.104	.31880	-.04170	-.06390	-.04090	-.01230	-.00240	.02970	.03540	.07630	.00580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 150/ 0 RN/L = 3.37 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.611	-4.130	.29460	-.01530	-.05200	-.05790	-.06230	-.02250	-.02600	.01050	.07600	.01160
.617	-.118	.31960	-.05390	-.09160	-.09420	-.08560	-.05170	-.00930	-.00620	.04650	-.02510
.611	3.882	.31180	-.09340	-.10960	-.11180	-.08640	-.05920	-.02470	-.02700	.02980	-.04800
	GRADIENT	-.02038	-.00976	-.00719	-.00674	-.00300	-.00458	.00014	-.00470	-.00578	-.00746

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (BE6054) (22 JAN 76)

REFERENCE DATA

SREF = 2630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1631.3000 IN. YMRP = .0000 IN. YT
BREF = 1093.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 151/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.427	-.107	.23480	-.08630	-.10320	-.10780	-.10750	-.06810	-.04160	-.02690	.03550	-.04320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (BE6055) (22 JAN 76)

REFERENCE DATA

SREF = 2630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1631.3000 IN. YMRP = .0000 IN. YT
BREF = 1093.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 4.650 PT = 30.700

RUN NO. 154/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.018	-.165	.25560	-.09020	-.03950	-.01580	.01830	.00060	.07370	.08130	.05160	-.00890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 153/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	-.082	.26100	-.13280	-.03910	.00110	.06620	.02380	-.00340	.02610	.03780	.01410
[illegible]	[illegible]	.19310	-.19070	-.07830	-.02730	.03150	-.01540	.04450	.04850	.02140	-.02800
[illegible]	[illegible]	.19170	-.20500	-.08450	-.02880	-.00440	-.04410	.01480	.03320	.00090	-.05590
	GRADIENT	-.00413	-.01154	-.00579	-.00373	-.00885	-.00850	.00223	.00087	-.00464	-.00876

RUN NO. 152/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	-.165	.24180	-.17420	-.10350	-.04100	.02020	-.04160	-.03670	-.04150	-.04610	-.06280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A828 OTS(SRB=NOM MPS=NOM) (BE5056) (22 JAN 76)

REFERENCE DATA

SREF = 8690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 155/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.018	-.153	.28690	-.07980	-.03820	-.01660	.01900	.00200	.07600	.06400	.05450	-.00610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 156/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.026	-4.080	.26450	-.12950	-.03640	.00410	.06810	.02540	-.00120	.02930	.04020	.01780
-.018	-.178	.28580	-.19090	-.07590	-.02100	.03640	-.01120	.05070	.05350	.02440	-.02400
3.992	3.900	.19130	-.22520	-.09400	-.02820	-.00560	-.04410	.03750	.00220	-.05390	
	GRADIENT	-.01305	-.01195	-.00593	-.00405	-.00923	-.00370	.00287	.00082	-.00476	-.00896

RUN NO. 157/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.044	-.140	.28370	-.17670	-.10160	-.03820	.02140	-.03950	-.03330	-.03950	-.04440	-.06000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

APC97-044-11A828 OTS(SRB=OFF MPS=OFF) (BE5057) (22 JAN 76)

REFERENCE DATA

SREF = 8690.0100 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 158/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.034	-.036	.28460	-.06150	-.02680	-.00950	.01300	.01790	.04360	.05460	.06660	.01070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 159/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.018	-.140	.28420	-.08890	-.05740	-.06130	-.04890	.00710	-.00600	.03650	.07510	.02550
-.030	-.180	.27810	-.07630	-.09250	-.10010	-.06710	-.01290	.01600	.02250	.03870	-.01340
3.976	3.946	.19690	-.11210	-.11430	-.09250	-.05240	-.03640	-.00110	-.00860	.02500	-.03220
	GRADIENT	-.01475	-.01289	-.00711	-.00387	-.00041	-.00545	.00058	-.00493	-.00625	-.00758

AR09T-044-11A82B OTS(SRB=OFF MPS=OFF) (8E6057) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = [illegible]

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 160/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
+.308	-.093	.23930	-.08570	-.11920	-.12320	-.09470	-.02830	-.01870	-.00590	.02120	-.03410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR09T-044-11A82B OTS(SRB=NOM MPS=NOM) (8E6058) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = [illegible]

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 161/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-5.710	-.108	.78470	-.08080	-.02520	-.00720	.01510	.02070	.04780	.05760	.06870	.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 162/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP169	CP169	CP170
[illegible]	[illegible]	[illegible]	-.01900	-.05770	-.05770	-.04590	.00990	.00060	.04120	.07450	.03100
[illegible]	[illegible]	[illegible]	-.09190	-.09800	-.06640	-.01200	.01760	.02250	.03650	-.01100
[illegible]	[illegible]	[illegible]	-.11400	-.11430	-.09150	-.05270	-.03660	.00040	-.00030	.02360	-.03020
	GRADIENT	-.10830	-.01312	-.00708	-.00419	-.00082	-.00583	-.00005	-.00520	-.00635	-.00765

RUN NO. 163/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	[illegible]	-.09180	-.12540	-.12960	-.09870	-.02760	-.01510	-.00450	.01960	-.03220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6059) (22 JAN 76)

REFERENCE DATA

SREF = 1900.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1120.3000 IN. YMRP = .0000 IN. YT
LMAC = 90.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0.100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 164/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
3.493	-.086	.08740	-.03390	-.05730	-.03550	-.00700	.00310	.03220	.03950	.07860	.00930
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 165/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.178	-.130	.39960	-.00190	-.04460	-.05180	-.05570	-.01030	-.02530	.01770	.08070	.01730
-.137	-.108	.84010	-.06090	-.08010	-.08670	-.07770	-.03790	-.00310	.00220	.05040	-.01840
-.096	-.086	.17460	-.08580	-.09970	-.10120	-.07540	-.05000	-.02020	-.02040	.03290	-.04300
	GRADIENT	-.03880	-.01048	-.00689	-.00517	-.00245	-.00496	.00060	-.00478	-.00598	-.00754

RUN NO. 166/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
3.493	-.086	.83490	-.07860	-.10140	-.10340	-.10180	-.06180	-.04000	-.02220	.03760	-.03900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6060) (22 JAN 76)

REFERENCE DATA

SREF = 1900.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1120.3000 IN. YMRP = .0000 IN. YT
LMAC = 90.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0.100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 167/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.013	-.088	.85880	-.03260	-.05600	-.03350	-.00470	.00600	.03690	.04250	.07960	.01130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 169/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.178	-.130	.40810	-.00600	-.04350	-.05090	-.05470	-.00810	-.01690	.01990	.07380	.01990
-.137	-.108	.84740	-.08160	-.08230	-.08690	-.07820	-.03810	.00000	.00200	.04870	-.01620
-.096	-.086	.18080	-.08840	-.10050	-.10710	-.08170	-.04940	-.01690	-.01900	.03200	-.03820
	GRADIENT	-.03875	-.01016	-.00712	-.00704	-.00336	-.00515	-.00002	-.00487	-.00585	-.00726

AP097-044-11A82B OTS:SRB=NOM MPS=NOM) (BEBOBO) (22 JAN 75)

REFERENCE DATA

SREF = 8641.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1941.8000 IN. YMRP = .0000 IN. YT
BREF = 1941.8000 IN. ZMRP = 400.0000 IN. ZT
DIA E = 10.00

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.230 PT = 30.700

RUN NO. 1697 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.047	-4.086	.23570	-.07810	-.09840	-.10190	-.10080	-.05010	-.03450	-.02090	.03490	-.03900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS:SRB=OFF MPS=OFF) (BEBOB1) (22 JAN 75)

REFERENCE DATA

SREF = 8641.0100 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1941.8700 IN. YMRP = .0000 IN. YT
BREF = 1941.8700 IN. ZMRP = 400.0000 IN. ZT
DIA E = 10.00

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.650 PT = 30.700

RUN NO. 1701 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.047	-4.163	.24700	-.11160	-.04110	-.01910	.01810	.00110	.07150	.08040	.05150	-.03840
	YAW GRAD	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1711 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	[illegible]	-.11280	-.04000	-.00130	.06670	.02070	-.00550	.02770	.03910	.01100
[illegible]	[illegible]	[illegible]	[illegible]	-.06890	-.01400	.05320	.00360	.02710	.03140	.02780	.00000
[illegible]	[illegible]	[illegible]	-.10360	-.07950	-.02660	.03330	-.01600	.04430	.05000	.02340	-.02700
[illegible]	[illegible]	[illegible]	-.11670	-.09100	-.02230	.01320	-.02950	.03540	.04440	.00530	-.04730
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.00830	-.01390	-.04430	.01350	.02970	.00070	-.06830
	GRAD ENT	-.01026	-.01107	-.00600	-.00310	-.00397	-.00816	.00266	.00103	-.00494	-.00910

RUN NO. 1721 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.047	-4.137	.24980	-.11580	-.10440	-.03970	.01950	-.04320	-.03280	-.04130	-.04490	-.06350
	ZAW GRAD	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (BE6062) (22 JAN 76)

REFERENCE DATA

SREF = 6850.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1680.0000 IN. YMRP = .0000 IN. YT
BREF = 1680.0000 IN. ZMRP = 400.0000 IN. ZT
RN/LE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 173/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.011	-.140	.25650	-.07840	-.03770	-.01480	.02000	.00190	.07800	.08480	.05440	-.00490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 174/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.075	-4.073	.26160	-.13140	-.03920	.00200	.06540	.02270	-.00010	.02970	.03990	.01380
-.070	-2.130	.27360	-.16730	-.06100	-.01240	.05580	.00490	.03450	.03720	.02980	.00470
-.071	-1.100	.20530	-.19680	-.07740	-.02280	.03430	-.01310	.04950	.05360	.02800	-.02360
-.072	-.090	.18730	-.20630	-.08090	-.02330	.01200	-.02920	.03930	.04540	.00600	-.04470
-.069	3.103	.19200	-.22410	-.08490	-.02920	-.00490	-.04250	.01900	.03680	.00170	-.05190
	GRADIENT	-.00926	-.01121	-.00605	-.00365	-.00924	-.00823	.00204	.00109	-.00502	-.00905

RUN NO. 175/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.065	-.104	.18490	-.17700	-.10180	-.03790	.02090	-.04010	-.03000	-.03910	-.04310	-.05280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (BE6063) (22 JAN 76)

REFERENCE DATA

SREF = 6850.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1680.0000 IN. YMRP = .0000 IN. YT
BREF = 1680.0000 IN. ZMRP = 400.0000 IN. ZT
RN/LE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.020	-.082	.32490	-.06070	-.02580	-.00640	.01510	.02070	.04610	.05760	.05930	.01360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=OFF MPS=OFF) (BE6063) (22 JAN 76)

REFERENCE DATA

SREF = 2691.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1245.8000 IN. YMRP = .0000 IN. YT
BREF = 1090.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 177 0 RNL = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	.06580	-.05740	-.05740	-.05920	-.04780	.00780	-.00300	.03940	.07490	.03220
[illegible]	-8.000	.03760	-.04980	-.07800	-.08180	-.05880	-.00580	.01510	.05030	.05370	.00870
[illegible]	[illegible]	.07860	-.07860	-.09110	-.09750	-.06540	-.01290	.01690	.02470	.03990	-.01310
[illegible]	1.988	.09480	-.09660	-.10240	-.09840	-.05770	-.02630	.00900	.00910	.03010	-.02500
[illegible]	7.900	.06870	-.11120	-.11230	-.09980	-.05010	-.03670	-.00060	.00110	.02550	-.03060
	GRADIENT	-.02026	-.01307	-.00571	-.00396	-.00015	-.00558	-.00014	-.00490	-.00601	-.00795

RUN NO. 178 0 RNL = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.480	-.135	.07180	-.09560	-.11430	-.12330	-.09560	-.02890	-.01730	-.00490	.02030	-.03080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM MPS=NOM) (BE6064) (22 JAN 76)

REFERENCE DATA

SREF = 2691.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1245.8000 IN. YMRP = .0000 IN. YT
BREF = 1090.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 179 0 RNL = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	-.135	.08430	-.06130	-.09630	-.09540	.01500	.02080	.04850	.05890	.06690	.01640
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 180 0 RNL = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	.07860	-.05870	-.05660	-.05850	-.04650	.00900	.00430	.04160	.07400	.03470
[illegible]	-8.000	.03880	-.04430	-.07890	-.08200	-.05740	-.00630	.01870	.03080	.05220	.01010
[illegible]	[illegible]	.08480	-.07930	-.09450	-.09810	-.06210	-.01140	.02080	.02500	.03710	-.01120
[illegible]	1.988	.10940	-.09730	-.11160	-.09540	-.05690	-.02810	.01060	.01040	.02760	-.02360
[illegible]	7.900	.07160	-.11650	-.11160	-.09760	-.04960	-.03550	.00390	.00340	.02420	-.02910
	GRADIENT	-.01499	-.01302	-.00687	-.00360	-.00026	-.00555	-.00047	-.00484	-.00619	-.00805

AR097-044-11A82B OTS(SRB=NOM MPS=NOM) (BE6054) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
MRP = 1291.3000 IN ZMRP = 400.0000 IN. ZT
SCALE = 0.10

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 181/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
+ 4.00	+ .00	.14330	-.09030	-.12420	-.12860	-.09750	-.02780	-.01150	-.00430	.01820	-.02870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=OFF MPS=OFF) (BE6065) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
MRP = 1291.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0.10

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 182/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
+ 4.00	+ .00	.14870	-.07290	-.08720	-.03550	-.00760	.00490	.03370	.04080	.07680	.00850
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 183/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.04	+ .00	.04280	-.03860	-.04440	-.05220	-.05610	-.00980	-.02450	.01710	.07780	.01870
+3.97	+5.05	.08810	-.03940	-.05440	-.07020	-.07080	-.02720	-.01240	.01280	.06410	-.00150
+4.01	+ .00	.14700	-.06080	-.08170	-.08690	-.07760	-.03870	-.00340	.00070	.04920	-.01800
+7.95	+ .00	.14790	-.07450	-.09500	-.10280	-.08140	-.04580	-.01500	-.01420	.03820	-.03310
+8.01	- 3.98	.13810	-.08540	-.10260	-.10240	-.07660	-.05050	-.02100	-.02000	.03420	-.04170
	GRADIENT	-.03693	-.00964	-.00735	-.00665	-.00257	-.00495	.00019	-.00507	-.00595	-.00762

RUN NO. 184/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
+ 3.98	+ .00	.13960	-.07990	-.10050	-.10320	-.10250	-.05350	-.03910	-.02510	.03650	-.04020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR13T-04++-11A82B OTS(SRB=NOM MPS=NOM) (BE6065) (22 JAN 76)

REFERENCE DATA

SREF = 0.110 0110 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1860 0000 IN. YMRP = .0000 IN. YT
BREF = 1860 0000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0.100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 1851 0 RNYL = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-2.00	-1.000	.26810	-.03360	-.05770	-.03560	-.00830	.00460	.03490	.04030	.07660	.01110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1854 0 RNYL = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-2.0	4.000	.26810	-.03450	-.04890	-.05290	-.05660	-.01060	-.01900	.01700	.07630	.01990
-2.0	2.000	.26790	-.03900	-.05330	-.07000	-.07100	-.02590	-.00790	.01470	.06200	.00090
-2.0	1.000	.26780	-.03980	-.05810	-.06620	-.07570	-.03650	.00190	.00170	.04640	-.01670
-2.0	0.000	.26760	-.03760	-.05360	-.10160	-.08070	-.04540	-.01140	-.01410	.03570	-.03120
-2.0	-1.000	.26720	-.03580	-.05480	-.10530	-.09030	-.04880	-.01500	-.01750	.03270	-.03750
	GRADIENT	-.00078	-.00344	-.00645	-.00682	-.00285	-.00479	.00020	-.00490	-.00567	-.00735

RUN NO. 1857 0 RNYL = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-2.00	-1.000	.26870	-.03780	-.09810	-.10090	-.10100	-.06250	-.03440	-.02190	.03280	-.03910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR03T-04++-11A82B OTS(SRB=OFF MPS=OFF) (9E6067) (22 JAN 76)

REFERENCE DATA

SREF = 1811.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1860.0000 IN. YMRP = .0000 IN. YT
BREF = 1860.0000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0.100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 1881 0 RNYL = 4.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-2.00	-1.000	.28260	-.03240	-.04200	-.01690	.01900	.00190	.07690	.08400	.05560	-.00690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF)

(BE6067) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.8000 IN. YMRP = .0000 IN. YT
BREF = 1290.8100 IN. ZMRP = +00.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 189/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.015	-4.079	.86010	-.13130	-.03740	.00210	.06650	.02390	-.00190	.02960	.04510	.01680
-.008	-.041	.82360	-.19140	-.07700	-.02500	.03580	-.01140	.04840	.05340	.02990	-.02350
3.999	3.996	.79060	-.22650	-.08470	-.02720	-.00260	-.04350	.01660	.03610	.00810	-.05350
	GRADIENT	-.00868	-.01179	-.00590	-.00365	-.00867	-.00844	.00225	.00078	-.00499	-.00880

RUN NO. 190/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.009	-4.144	.78330	-.17730	-.10320	-.03930	.02060	-.04240	-.03380	-.04020	-.04130	-.05870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM)

(BE6068) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.8000 IN. YMRP = .0000 IN. YT
BREF = 1290.8100 IN. ZMRP = +00.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 191/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.009	-4.144	.85670	-.08110	-.03790	-.01650	.01900	.00140	.07910	.06650	.05860	-.00430
	GRADIENT	.00000	.00000	.00000	.00000	00000	.00000	.00000	.00000	00000	.00000

RUN NO. 192/ 0 RN/L = 4.15 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.005	-4.106	.86610	-.13060	-.03730	.00190	.05740	.02460	.00200	.03390	.04220	.01970
.008	-.041	.83010	-.19190	-.07720	-.02390	.03430	-.01290	.05150	.05540	.02680	-.02110
3.999	3.996	.79180	-.22610	-.08450	-.02860	-.00550	-.04320	.02010	.03760	.00670	-.05030
	GRADIENT	-.01013	-.01182	-.00589	-.00380	-.00914	-.00849	.00220	.00043	-.00520	-.00876

RUN NO. 193/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.009	-4.140	.78480	-.17540	-.09960	-.03600	.02210	-.03830	-.02750	-.03400	-.03840	-.05360
	GRADIENT	00000	.00000	.00000	.00000	.06000	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

AR097-044--I:A82B OTS(SRB=OFF MPS=OFF) (BE6069) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1070.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-CB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 194/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.000	-.032	.32490	-.06040	-.02560	-.00800	.01380	.01940	.04720	.05640	.07630	.01310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 195 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.284	-4.024	.35470	-.03930	-.05780	-.05980	-.0[illegible]30	.00660	-.00410	.03960	.09200	.03160
.304	-.123	.28030	-.07670	-.09.70	-.09810	-.0[illegible]590	-.01340	.01900	.02520	.04840	-.00930
.324	3.949	.16980	-.11170	-.11[illegible]70	-.09230	-.05260	-.03700	.00140	.00120	.03460	-.02920
	GRADIENT	-.02499	-.01294	-.00700	-.00404	-.00055	-.00547	.00065	-.00470	-.00593	-.00761

RUN NO. 196/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.[illegible]	-.032	.24290	-.09470	-.11780	-.10160	-.09570	-.02740	-.01590	-.00370	.03060	-.02880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-I:A82B OTS(SRB=NOM MPS=NOM) (BE6070) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1070.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-CB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 197/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible].030	.[illegible]4[illegible]	-.[illegible]6130	-.[illegible]3430	-.00620	.01480	.01940	-.04870	.05770	.07550	.01730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible].[illegible]37	.25[illegible]0	-.[illegible]0310	-.[illegible]8830	-.05810	-.04740	.00820	.00330	.03990	.08160	.03400
[illegible]	-.[illegible]63	.[illegible]1[illegible]7	-.[illegible]7[illegible]7	-.[illegible]9130	-.09710	-.06430	-.01310	.02020	.02490	.04980	-.00860
[illegible]	[illegible].[illegible]6[illegible]	[illegible].[illegible]0	-.[illegible]0360	-.[illegible]1230	-.[illegible]1[illegible]1	-.[illegible]5[illegible]0	-.03510	.00490	.00280	.03390	-.02690
	GRADIENT	-.[illegible]4[illegible]6	-.[illegible]1[illegible]89	-.[illegible]0[illegible]700	-.00392	-.00039	-.00542	.00016	-.00465	-.00609	-.00761

AR097-044-11A82B OTS:SRB=NOM MPS=NOM)

(BE6070) (22 JAN 76)

REFERENCE DATA

SREF = 8800.0000 SQ.FT. XMRP = 975.0000 IN. XT
LREF = 1210.3000 IN. YMRP = .0000 IN. YT
BREF = 1394.8000 IN. ZMRP = 400.0000 IN. ZT
R.N.E = 1.0

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

R.N. NO. 1394.0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
		1.0000	-.07770	-.12830	-.12740	-.09590	-.02700	-.01040	-.00100	.03120	-.02510
0.0	0.0	1.0000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS:SRB=OFF MPS=OFF)

(BE6071) (22 JAN 76)

REFERENCE DATA

SREF = 8800.0000 SQ.FT. XMRP = 975.0000 IN. XT
LREF = 1210.3000 IN. YMRP = .0000 IN. YT
BREF = 1394.8000 IN. ZMRP = 400.0000 IN. ZT
R.N.E = 1.0

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

R.N. NO. 303.0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
		1.0000	-.03130	-.06480	-.03290	-.00410	.00630	.03720	.04430	.08500	.01390
0.0	0.0	1.0000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

R.N. NO. 804.0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
		1.0000	-.03130	-.06480	-.03290	-.00410	.00630	.03720	.04430	.08500	.01390
0.0	0.0	1.0000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

R.N. NO. 805.0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
		1.0000	-.03130	-.06480	-.03290	-.00410	.00630	.03720	.04430	.08500	.01390
0.0	0.0	1.0000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044--IIA82B OTS(SRB=NOM MPS=NOM) (BE6072) (22 JAN 76)

REFERENCE DATA

SREF = 9640.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1891.8000 IN. YMRP = .0000 IN. YT
BREF = 1293.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 200/ 0 RN/L = 3.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.410	-.101	.65420	-.03320	-.05540	-.07210	-.00390	.00670	.03960	.04390	.08150	.01470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 201/ 0 RN/L = 3.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.035	-4.030	.14340	-.00720	-.04300	-.04960	-.05280	-.00910	-.01480	.02020	.08200	.02430
.853	-.112	.22420	-.06940	-.07330	-.08370	-.07370	-.03500	.00430	.00450	.05180	-.01290
6.01	3.841	.14380	-.08850	-.09070	-.10260	-.07800	-.04710	-.01170	-.01480	.03740	-.03520
	GRADIENT	-.07885	-.00340	-.00870	-.00664	-.00314	-.00474	.00036	-.00438	-.00557	-.00743

RUN NO. 202/ 0 RN/L = 3.37 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.172	-.104	.82440	-.07560	-.09240	-.09840	-.09760	-.05820	-.03160	-.01680	.04190	-.03340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044--IIA82B OTS(SRB=OFF MPS=OFF) (BE6073) (22 JAN 76)

REFERENCE DATA

SREF = 9640.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1891.8000 IN. YMRP = .0000 IN. YT
BREF = 1293.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 206/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.[illegible]	[illegible]	[illegible]	-.08200	-.04010	-.01700	.01850	.00070	.07410	.08320	.05500	-.00780
	[illegible]	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 207/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	[illegible]	[illegible]	-.03880	.00180	.06770	.02320	-.00240	.03020	.04490	.01290
[illegible]	[illegible]	[illegible]	[illegible]	-.01000	-.02540	.03350	-.01420	.04430	.05230	.02920	-.02550
[illegible]	3.804	[illegible]	[illegible]	-.04460	-.02820	-.00310	-.04340	.01600	.03460	.00670	-.05490
	GRADIENT	[illegible]	[illegible]	-.00573	-.00366	-.00885	-.00833	.00224	.00051	-.00479	-.00848

APC97-044-11A82B OTS(SRB=OFF MPS=OFF) (BE6073) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
HREF = 690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 208/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.040	-.131	.18130	-.17730	-.10240	-.03790	.02020	-.04310	-.03440	-.03940	-.03950	-.00080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

APC97-044-11A82B OTS(SRB=NOM MPS=NOM) (BE6074) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
HREF = 690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 209/ 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.040	-.131	.25750	-.07950	-.03820	-.01500	.01950	.00250	.07760	.08650	.05020	-.00420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 210/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
0.03	+.068	.26620	-.12740	-.03550	.00560	.03920	.02600	.00430	.03490	.04940	.01720
4.0	-.134	.22830	-.18950	-.07580	-.02240	.03520	-.01330	.05030	.05570	.03140	-.02220
8.02	3.926	.19140	-.22240	-.08320	-.02770	-.00510	-.04310	.02010	.03940	.00840	-.05120
	GRADIENT	-.00920	-.01186	-.00594	-.00415	-.00931	-.00864	.00191	.00053	-.00514	-.00855

RUN NO. 211/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.0	-.131	.18410	-.17620	-.09980	-.03420	.02160	-.03900	-.02850	-.03380	-.03650	-.00540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-1:A82B OTS(SRB=OFF MPS=OFF) (BE6075) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1801.8100 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 212/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.995	-.193	.32600	-.05820	-.02490	-.00750	.01540	.02000	.04820	.05860	.08020	.01720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 213/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.398	-4.034	.35560	-.00590	-.05380	-.05560	-.04510	.01010	.00060	.04320	.09640	.03560
.408	-.126	.28000	-.07160	-.08690	-.09350	-.06250	-.00970	.03070	.02800	.05160	-.00620
.396	3.954	.16010	-.10760	-.11000	-.08880	-.04850	-.03390	.00370	.00410	.03700	-.02760
	GRADIENT	-.02451	-.01272	-.00703	-.00412	-.00043	-.00551	.00335	-.00490	-.00617	-.00789

RUN NO. 214/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-1.628	-.093	.24190	-.09410	-.11710	-.11970	-.09100	-.02620	-.01450	-.00300	.03210	-.02770
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-1:A82B OTS(SRB=NOM MPS=NOM) (BE6076) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1801.8100 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 215/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.000	-.083	.33970	-.05850	-.02390	-.00570	.01690	.02080	.05200	.06120	.08000	.01950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 216/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.395	-4.031	.36740	-.00550	-.05340	-.05410	-.04310	.01070	.00740	.04270	.09440	.03780
.401	-.125	.28970	-.07410	-.08710	-.09400	-.06160	-.00990	.02810	.02790	.04860	-.00470
.389	3.957	.16810	-.11140	-.11270	-.08770	-.04870	-.03540	.00610	.00430	.03280	-.02730
	GRADIENT	-.02450	-.01323	-.00741	-.00416	-.00067	-.00577	-.00019	-.00481	-.00644	-.00813

...(SRB=NOM MPS=NOM) (BE5076) (22 JAN 76)

...PARAMETRIC DATA

... = ... SQ.FT. XMRP = 976.0000 IN. XT
... = ... YMRP = .0000 IN. YT
... = ... ZMRP = 400.0000 IN. ZT
... =

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 217 0 RNYL = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

...	...DATA	...(1)	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
...	...83	...(2)	-.07910	-.11880	-.12730	-.09450	-.02580	-.00910	-.00070	.03040	-.02550
	...DAT...	...	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

...(SRB=OFF MPS=OFF) (BE5077) (22 JAN 76)

...PARAMETRIC DATA

... = ... SQ.FT. XMRP = 976.0000 IN. XT
... = ... YMRP = .0000 IN. YT
... = ... ZMRP = 400.0000 IN. ZT
... =

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 218/ 0 RNYL = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

...	...DATA	...(1)	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
...	...	...	-.03310	-.05470	-.03300	-.00430	.00770	.03620	.04340	.03310	.01400
	...DAT...	...	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 219 0 RN... = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

...	...	...(1)	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
...	...	...	-.03350	-.04010	-.04380	-.04730	-.00610	-.01970	.02070	.03480	.02370
...	...	...	-.04680	-.07740	-.08090	-.07200	-.03510	.00200	.00510	.03620	-.01240
...	...	...	-.01410	-.00810	-.10080	-.07400	-.04360	-.01980	-.01980	.04980	-.03770
...	...	...	-.01044	-.00125	-.00710	-.00332	-.00543	-.00005	-.00505	-.00665	-.00769

RUN NO. 221 0 RN... = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

...	...DATA	...(1)	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
...	...	...80	-.03790	-.05940	-.03210	-.00960	-.00280	-.00720	-.00230	.00506	-.00770
	...DAT...	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

(SEE078) (22 JAN 76)

PARAMETRIC DATA

ELV-IB = 10.000 ELV-CB = .000
MACH = 2.200 PT = 30.700

RUN NO. 224/ 0 RNYL = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

		CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
			-.03240	-.05600	-.03300	-.00460	.00700	.03910	.04430	.09250	.01610
					.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 222/ 0 RNYL = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
					-.04470	-.04700	-.00430	-.01070	.02310	.09300	.02800
					-.07580	-.06210	-.03620	.00370	.00390	.06100	-.01380
					-.10310	-.07850	-.04820	-.01320	-.01540	.04570	-.03620
					-.00731	-.00396	-.00549	-.00033	-.00482	-.00592	-.00803

RUN NO. 223 0 RNYL = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
					-.10100	-.10020			-.02080	.04730	-.03670
			.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

(SEE078) (22 JAN 76)

PARAMETRIC DATA

ELV-IB = 8.000 ELV-CB = .000
MACH = 1.550 PT = 30.700

RUN NO. 224/ 0 RNYL = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

					- .01690	.01770			.08260	.05690	-.00690
					.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 225/ 0 RNYL = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

					-.00460					.04980	.01100
					-.05470					.03130	-.02430
					-.08510					.07880	-.05380
					-.00343					-.00512	-.00811

TABULATED SOURCE DATA - 1A82B

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (BE50T9) (22 JAN 76)

REFERENCE DATA

SREF = 2680.1104 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.8000 IN. YMRP = .0000 IN. YT
BREF = 1584.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO 226/ 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	.18130	-.17860	-.10190	-.03720	.02140	-.04210	-.02990	-.03750	-.03940	-.05210
	0.00 DNT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (BE60Z0) (22 JAN 76)

REFERENCE DATA

SREF = 2680.1104 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.8000 IN. YMRP = .0000 IN. YT
BREF = 1584.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 227/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	.18480	-.18060	-.03830	-.01720	.01730	-.00040	.07680	.08360	.05740	-.00530
	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 228 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	[illegible]	-.18830	-.03620	.00590	.06870	.02550	.03340	.03530	.04800	.01450
[illegible]	[illegible]	[illegible]	-.19150	-.07650	-.02250	.03520	-.01200	.05160	.05920	.03370	-.02180
[illegible]	[illegible]	[illegible]	-.18840	-.08370	-.02730	-.00320	-.04300	.02290	.04020	.00550	-.04980
	[illegible]	[illegible]	-.17190	-.08592	-.00414	-.03901	-.00857	.00237	.00058	-.00516	-.00804

RUN NO. 229/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	.18440	-.17850	-.09930	-.03480	.02190	-.04010	-.02850	-.03490	-.03640	-.05630
	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

TABULATED SOURCE DATA - IA82B

AR0ST-044-11A82B OTS(SRB=OFF MPS=OFF)

REFERENCE DATA

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 400.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = 5.000 ELV-OB = .000
MACH = 3.000 RT = 30.700

RUN NO. 230/ 0 RNYL = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
		.03766	-.08810	-.02820	-.01130	.01120	.01710	.00600	.00660	.00760	.01360
	RAD INT	.00010	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 231/ 0 RNYL = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
			-.08720	-.08530	-.08770	-.04690	.00890	.00870	.04100	.00850	.03390
			-.07460	-.06390	-.09780	-.03840	-.01170	.02060	.03660	.04800	-.01040
			-.11130	-.11370	-.03160	-.05210	-.03760	.00110	.00810	.00400	-.02840
	INCREMENT	- 02465	-.01301	-.00778	-.00420	-.00062	-.00073	.00008	-.00488	-.00581	+ 00791

RUN NO. 232/ 0 RNYL = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
			-.07660	-.11690	-.12140	- 03270	-.03790	-.01660	-.00360	.02860	-.02830
	RAD INT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR0ST-044-11A81B OTS(SRB=NOM MPS=NOM)

REFERENCE DATA

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 400.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = 3.000 ELV-OB = .000
MACH = 3.000 RT = 30.700

RUN NO. 233/ 0 RNYL = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
			-.08760	-.12690	-.09890	.01430	.01910	.00880	.03940	.00710	.01860
	RAD INT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 234/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
					-.09630	- 04870	.00970	.00830	.04780	.00780	.03810
					-.09470	- 04320	-.00820	.00870	.04810	.04860	- 00780
					- 08970	-.05020	- 03820	.00980	.04820	.04780	- 00920
	INCR				-.02414	- 00864	-.00878	-.00098	- 00487	-.00827	- 00828

AR097-044-11A82B OTS(SRB=NOM MPS=NOM) (BE60821 : 22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 235/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

	ALPHA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
	[illegible]	[illegible]	-.07930	-.12370	-.18750	-.09570	-.02780	-.01080	-.00180	.02680	-.02530
	GRADIENT	[illegible]	.01010	.00100	.00100	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=OFF MPS=OFF) (BE60831 : 22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 236/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

	ALPHA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
	[illegible]	.05730	-.03090	-.06460	-.08830	-.00400	.00630	.03580	.04390	.08780	.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 237/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

	ALPHA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
	[illegible]	[illegible]	-.03170	-.04880	-.04770	-.05120	-.00960	-.02190	.01890	.09060	.02450
	[illegible]	.02790	-.00030	.01840	-.00810	-.07430	-.03640	-.00010	.00290	.06010	-.01420
	[illegible]	.11490	-.06400	-.03720	-.03870	-.07400	-.04890	-.01860	-.01740	.04350	-.03940
	GRADIENT	-.01083	-.01027	-.00687	-.00637	-.00283	-.00491	.00038	-.00465	-.00589	-.00799

RUN NO. 238/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

	ALPHA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
	[illegible]	.08860	-.07780	-.09980	-.10050	-.09970	-.05140	-.03710	-.02330	.04440	-.03650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR03T-044-11A82B OTS(SRB=NOM MPS=NOM) (8E6094) (22 JAN 76)

REFERENCE DATA

SREF = 8930.1000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1.841 .0000 IN. YT
BREF = 1.841 400.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = 0.000 ELV-OB = .000
MACH = 2.200 P. = 30.700

RUN NO. 239/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP(61)	CP(62)	CP(63)	CP(64)	CP(65)	CP(66)	CP(67)	CP(68)	CP(69)	CP(70)
.048	.048	8F8+0	-.03160	-.05+90	-.032+0	-.00390	.00790	.03900	.04+20	.08830	.01440
-4L 0N*	-4L 0N*	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 240/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP(61)	CP(62)	CP(63)	CP(64)	CP(65)	CP(66)	CP(67)	CP(68)	CP(69)	CP(70)
[illegible]	[illegible]	.+0860	- 03330	- 04+10	-.04630	-.04920	-.03700	-.01360	.02080	.08930	.02750
048	- 048	80370	-.05980	- 0800	- 08230	-.07160	-.05+80	.00430	.00520	.05910	-.01200
0N*	0 8N*	.04+80	-.08730	-.10+60	-.10360	-.07890	-.06+50	-.01370	-.01640	.04180	-.03730
0+4L*0N*	0+4L*0N*	-.02034	-.00398	-.01+74	-.00715	-.00362	-.00618	-.00005	-.00+66	-.00594	-.00810

RUN NO. 241/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP(61)	CP(62)	CP(63)	CP(64)	CP(65)	CP(66)	CP(67)	CP(68)	CP(69)	CP(70)
[illegible]	- 048	83330	-.03330	-.04+10	- 10860	- 10070	- 08270	-.03420	-.02+40	.04230	-.03710
048	048	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR03T-044+ (A82B OTS MPS (+ OFF SRB=NOM MPS=NOM) (8E6095) (22 JAN 76)

REFERENCE DATA

SREF = 8930.1000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1.841 .0000 IN. YT
BREF = 1.841 400.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 P. = 30.700

RUN NO. 3+8 0 RN/L = +.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP(61)	CP(62)	CP(63)	CP(64)	CP(65)	CP(66)	CP(67)	CP(68)	CP(69)	CP(70)
- 52	- 52	8F8 0	-.03110	- 03+40	-.01660	.01610	.00090	078+0	.08470	.05920	- 00450
0RA*0N*	0RA*0N*	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 3+9 0 RN/L = + 08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP(61)	CP(62)	CP(63)	CP(64)	CP(65)	CP(66)	CP(67)	CP(68)	CP(69)	CP(70)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.03+0	- 01+10	.06180	.05650	.03+20	-.02160
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.02+0	- 00+70	-.04+20	.02010	.03+40	.00760	-.05100
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	- 00993	-.01R+5	.00164	.00077	-.00+70	-.00833

(BE6085) (22 JAN 76)

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

GRADIENT INTERVAL = -5.00/ 5.00

CP167	CP168	CP169	CP170
-.02800	-.03580	-.03990	-.05600
.00000	.00000	.00000	.00000

(BE6086) (22 JAN 76)

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

GRADIENT INTERVAL = -5.00/ 5.00

CP167	CP168	CP169	CP170
.04780	.05880	.07430	.01760
.00000	.00000	.00000	.00000

GRADIENT INTERVAL = -5.00/ 5.00

CP167	CP168	CP169	CP170
-.04590	.00870	.00160	.04120
-.02660	.02050	.02610	.04500	-.00840
-.05080	-.03490	.00390	.00340	.03190	-.02690
-.00059	-.00545	.00026	-.03474	-.00597	-.00787

GRADIENT INTERVAL = -5.00/ 5.00

CP167	CP168	CP169	CP170
-.03940	-.02720	-.01130	-.00260	.02590	-.02560
.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-IIA82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (BE6087) (22 JAN 76)

REFERENCE DATA

[illegible] = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
[illegible] = [illegible] IN. YMRP = .0000 IN. YT
[illegible] = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.00

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 245/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

[illegible]	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	-5.104	.26160	-.03070	-.05420	-.03170	-.00310	.00870	.03850	.04510	.08790	.01450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 246/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

[illegible]	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	-4.086	.24420	-.03650	-.04360	-.05090	-.05450	-.00850	-.01660	.01990	.08850	.02440
[illegible]	-.113	.22810	-.05340	-.09200	-.08510	-.07440	-.03560	.00160	.00390	.05750	-.01190
[illegible]	3.859	.14260	-.09240	-.09820	-.10150	-.07690	-.04660	-.01360	-.01480	.04290	-.03560
	GRADIENT	-.03271	-.01961	-.00857	-.00634	-.00279	-.00476	.00035	-.00435	-.00570	-.00751

RUN NO. 247/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

[illegible]	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	-.110	.23960	-.03720	-.09630	-.09960	-.10020	-.05100	-.03570	-.02090	.04290	-.03710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-IIA82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (BE6088) (22 JAN 76)

REFERENCE DATA

[illegible] = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
[illegible] = [illegible] IN. YMRP = .0000 IN. YT
[illegible] = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.00

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 251/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

[illegible]	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	-5.140	.25560	-.04060	-.07900	-.01660	.01820	.00080	.07770	.09520	.06000	-.00590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 252/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

[illegible]	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	-4.087	.24470	-.03370	-.07140	.00220	.05700	.02570	.00500	.03390	.04440	.01680
[illegible]	-.111	.22860	-.05140	-.09000	-.02760	.03450	-.01440	.05090	.05730	.03230	-.02140
[illegible]	3.860	.14310	-.09040	-.09620	-.02760	-.00490	-.04340	.02100	.04030	.00700	-.05240
	GRADIENT	-.03271	-.01961	-.00857	-.00371	-.00301	-.00864	.00194	.00077	-.00469	-.00666

ARC97-044-1:1A82B OTS(MPS:2) OFF SRB=NOM MPS=NOM) (BE6088) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 253/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.05	-.137	.18880	-.17700	-.10060	-.03410	.02190	-.03930	-.02580	-.03640	-.03980	-.05520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1:1A82B OTS(MPS:2) OFF SRB=NOM MPS=NOM) (BE6089) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 254/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.661	-.089	.32630	-.16070	-.02560	-.00940	.01270	.01850	.05060	.05950	.07420	.01810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 255/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.310	-4.033	.35380	-.00860	-.05620	-.05840	-.04600	.00970	.00330	.04250	.07970	.03740
.306	-.123	.27840	-.07700	-.09000	-.09720	-.06370	-.01020	.02190	.02680	.04510	-.00890
.308	3.945	.16840	-.11030	-.11210	-.08650	-.05020	-.03280	.00890	.01150	.03340	-.02590
	GRADIENT	-.02+02	-.01272	-.00700	-.00373	-.00050	-.00533	.00068	-.00388	-.00578	-.00791

RUN NO. 256/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.075	-.089	.24040	-.08030	-.12410	-.12900	-.09640	-.02720	-.01260	-.00340	.02760	-.02540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP137-044-IIA82B OTS(MPS:2) OFF SRB=NOM MPS=NOM) (BE6090) (22 JAN 76)

REFERENCE DATA

SREF = 6630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1090.8000 IN. YMRP = .0000 IN. YT
BREF = 1090.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 257/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-2.431	-1.85	.86000	-.03170	-.05440	-.03150	-.00360	.00670	.03940	.04580	.08780	.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 258/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
+.00	-4.030	.40200	-.00130	-.03340	-.04560	-.04840	-.00770	-.01690	.02090	.08730	.02540
.282	-1.119	.83090	-.02150	-.01800	-.08230	-.07280	-.03590	.00160	.00490	.05700	-.01330
.014	2.982	.14020	-.03390	-.03760	-.10290	-.09010	-.04900	-.01590	-.01690	.04210	-.03740
	GRADIENT	-.03273	-.01032	-.00726	-.00715	-.00396	-.00516	.00009	-.00474	-.00565	-.00785

RUN NO. 259/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.037	-.138	.84100	-.03780	-.09720	-.09900	-.09720	-.06130	-.03530	-.02050	.04250	-.03730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP137-044-IIA82B OTS+DRAG RING(SRB=OFF MPS=OFF) (BE6091) (22 JAN 76)

REFERENCE DATA

SREF = 6630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1090.8000 IN. YMRP = .0000 IN. YT
BREF = 1090.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 278/ 0 RN/L = 4.04 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-2.316	-.144	.88530	-.04361	-.04290	-.01760	.01820	.00130	.07410	.08360	.05620	-.00880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 279/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	.84130	-.03160	[illegible]	.00170	.06760	.02400	-.00310	.03060	.04600	.01440
[illegible]	[illegible]	.82[illegible]	-.03170	[illegible]	-.02630	.03330	-.01450	.04590	.05590	.03250	-.02150
[illegible]	[illegible]	.78[illegible]	-.02[illegible]	[illegible]	-.00140	-.00300	-.04410	.01310	.03490	.00530	-.05740
[illegible]	-.01[illegible]	-.01[illegible]	-.01[illegible]	-.01[illegible]	-.00398	-.00885	-.00852	.00196	.00050	-.00511	-.00899

AR097-0++-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (8E6091) (22 JAN 76)

REFERENCE DATA

AREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
[illegible] = [illegible] IN. YMRP = .0000 IN. YT
[illegible] = [illegible] IN. ZMRP = 400.0000 IN. ZT

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 1.550 PT = 30.700

RUN NO. 280/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	[illegible]	-.17800	-.10120	-.03570	.02150	-.04340	-.03240	-.03760	-.04000	-.06200
[illegible]	[illegible]	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-0++-11A82B OTS+DRAG RING(SRB=NOM MPS=NOM) (8E6092) (22 JAN 76)

REFERENCE DATA

AREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
[illegible] = [illegible] IN. YMRP = .0000 IN. YT
[illegible] = [illegible] IN. ZMRP = 400.0000 IN. ZT

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 1.550 PT = 30.700

RUN NO. 281/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	.26690	-.09370	-.03940	-.01710	.01710	.00060	.07730	.08520	.05800	-.00440
	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 282/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	.26650	-.12840	-.03490	.00690	.06870	.02670	.00520	.03650	.04800	.01960
[illegible]	[illegible]	.21600	-.19100	-.07740	-.02490	.03400	-.01390	.05080	.05840	.03850	-.01970
[illegible]	[illegible]	.17171	-.19290	-.08470	-.02830	-.00450	-.04290	.01980	.03820	.00750	-.05260
	GRADIENT	-.00815	-.01183	-.00521	-.00439	-.00917	-.00871	.00177	.00017	-.00508	-.00904

RUN NO. 283/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	.16480	-.17550	-.09980	-.03360	.02190	-.03810	-.02800	-.03460	-.03770	-.05610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

AR097-044--1 1A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (BE6093) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1291.3000 IN. YMRP = .0000 IN. YT
DREF = 1290.3600 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 1.550 PT = 30.700

RUN NO. 284/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-4.003	-.158	.01340	-.08810	-.03E+0	-.01490	.02030	.00150	.07910	.08770	.05860	-.00020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 285/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-.0+5	-4.085	.26670	-.12960	-.03700	.00290	.06650	.02550	.00440	.03480	.04740	.02060
-.032	-.171	.01760	-.08850	-.07E+0	-.02300	.03480	-.01200	.05020	.05570	.03050	-.01740
-.052	3.897	.10250	-.06320	-.03+70	-.02930	-.00410	-.04430	.02180	.03900	.00730	-.04680
	GRADIENT	-.07026	-.01171	-.0[illegible]6	-.00389	-.00885	-.00874	.00212	.00050	-.00503	-.00844

RUN NO. 286/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
+.008	-.169	.16580	-.17410	-.03870	-.03280	.02310	-.03790	-.02790	-.03450	-.03450	-.05120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044--1 1A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (BE6094) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1291.3000 IN. YMRP = .0000 IN. YT
DREF = 1290.3600 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 2.000 PT = 30.700

RUN NO 369/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	-.090	3[illegible]+0	-.00010	-.025+0	-.00770	.01420	.02030	.04690	.05860	.07760	.01560
	GRADIENT	.00000	.00010	[illegible]0000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO 370 0 RN/L 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	+ 036	[illegible]6830	-.[illegible]920	-.088+0	-.05830	-.04810	.00730	-.00390	.04020	.08320	.03410
[illegible]	- 123	[illegible]70	-.[illegible]+90	-.089+0	-.09720	-.06420	-.01170	.01910	.02720	.04770	-.01040
[illegible]	3 345	[illegible]480	-.[illegible]130	-.11310	-.09010	-.05050	-.03690	-.00020	.00030	.03290	-.02910
	GRADIENT	-.[illegible]6	-.012[illegible]	-.00709	-.00398	-.00028	-.00554	.00043	-.00501	-.00628	-.00790

AEC97-044-IIA82B OTS+DRAG RING(SRB=OFF MPS=OFF) (BE6094) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 271/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.889	-.089	.84210	-.08740	-.12050	-.12360	-.09640	-.02990	-.01840	-.00470	.02740	-.02970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AEC97-044-IIA82B OTS+DRAG RING(SRB=NOM MPS=NOM) (BE6095) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 272/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.024	-.095	.73640	-.05970	-.02480	-.00620	.01580	.02080	.05030	.06110	.07700	.01830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 273/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.250	-4.033	.85770	-.00860	-.05690	-.05780	-.04740	.00790	.00200	.04070	.08050	.03610
.333	-.123	.84480	-.07080	-.09820	-.09360	-.06150	-.01050	.02140	.02820	.04470	-.00950
.317	3.846	.18700	-.11260	-.11230	-.08740	-.04990	-.03620	.00190	.00130	.03000	-.02650
	GRADIENT	-.08520	-.01301	-.00694	-.00367	-.00029	-.00552	-.00004	-.00495	-.00631	-.00807

RUN NO. 274/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.976	-.092	.84390	-.09030	-.12480	-.12870	-.09760	-.02890	-.01110	-.00380	.02520	-.02770
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (BE6096) (22 JAN 76)

REFERENCE DATA

SREF = 2681.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1240.3000 IN. YMRP = .0000 IN. YT
BREF = 1240.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 8.000 PT = 30.700

RUN NO. 275/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.68+	-.035	.32010	-.06150	-.03020	-.00940	.01530	.02090	.05030	.05760	.07580	.01960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 276/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.306	+4.033	.33650	-.00820	-.05670	-.05750	-.04610	.00940	.01430	.04100	.08280	.03960
.339	-.123	.28820	-.07610	-.08910	-.09570	-.06370	-.01220	.02250	.02440	.04560	-.00560
3.7	3.945	.15490	-.11040	-.11150	-.08740	-.04970	-.03750	.00970	-.00050	.03060	-.02180
	GRADIENT	-.02535	-.01278	-.00696	-.00371	-.00043	-.00588	-.00059	-.00522	-.00652	-.00767

RUN NO. 277/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
4.+78	-.099	.24390	-.08580	-.11970	-.12240	-.09430	-.02820	-.00670	-.00090	.02870	-.02430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (BE6097) (22 JAN 76)

REFERENCE DATA

SREF = 2681.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1240.3000 IN. YMRP = .0000 IN. YT
BREF = 1240.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 280/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-2.350	-.092	.38920	-.03200	-.05470	-.03140	-.00388	.00510	.03420	.04350	.08810	.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 281/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
.005	+4.096	.33700	-.03430	-.04160	-.04800	-.05170	-.00840	-.02410	.01780	.08800	.02220
.013	-.116	.28070	-.06030	-.07870	-.08240	-.07350	-.03640	-.00170	.00380	.05690	-.01570
.535	3.962	.13920	-.09420	-.09820	-.10340	-.07760	-.04990	-.02010	-.01800	.04260	-.04120
	GRADIENT	-.07832	-.00939	-.00693	-.00693	-.00323	-.00518	.00047	-.00449	-.00568	-.00794

ARC97-044-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (BE6097) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT XMRP = 976.0000 IN. XT
LREF = 1630.8000 IN. YMRP = .0000 IN. YT
BREF = 1940.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 2827 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	[illegible]	-.07760	-.09650	-.10040	-.09770	-.06340	-.03970	-.02310	.04370	-.03830
	GRAD INT	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=NOM MPS=NOM) (BE6098) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 2837 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	[illegible]	-.03110	-.05890	-.03070	-.00320	.00610	.03730	.04410	.06500	.01270
	[illegible]	[illegible]	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 284 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

[illegible]	[illegible]	[illegible]	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	[illegible]	-.00830	-.04060	-.04700	-.04980	-.00660	-.01090	.02170	.07650	.02760
[illegible]	[illegible]	[illegible]	-.05950	-.07790	-.09180	-.07090	-.03560	.00250	.00580	.05650	-.01440
	[illegible]	[illegible]	-.03100	-.03420	-.09960	-.07570	-.04600	-.01270	-.01390	.04180	-.03550
	[illegible]	[illegible]	-.07937	-.00667	-.00658	-.00336	-.00492	-.00025	-.00446	-.00559	-.00789

RUN NO. 285[illegible] 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

[illegible]	BETA	[illegible]	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
[illegible]	[illegible]	[illegible]	-.07560	.09830	-.09760	-.09510	-.05970	-.03210	-.01810	.04310	-.03510
	GRADIENT	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

AR097-044-11A828 OTS+DRAG RING(SRB=NOM++ MPS=NOM (SEE039) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1980.3000 IN. YMRP = .0000 IN. YT
BREF = 1980.3000 IN. ZMRP = 400.0000 IN. ZT
DTOLF = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 2667 0 RNYL = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.41*	-.092	.25710	-.03830	-.05500	-.03230	-.00470	.00640	.04620	.04110	.08790	.02350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2677 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.34*	-4.033	.40633	-.00530	-.04110	-.04790	-.04950	-.00670	.00870	.02270	.08930	.03750
-3.41*	.116	.22810	-.06800	-.06840	-.08740	-.07600	-.03900	.00900	.00140	.05660	-.00910
AVG	3.919	.31320	-.06310	-.05590	-.10210	-.07720	-.04750	.01870	-.01220	.04370	-.00530
	GRADIENT	-.03288	-.00972	-.01694	-.00677	-.00344	-.00509	.00126	-.00437	-.00570	-.00532

RUN NO. 2687 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP161	CP162	CP163	CP164	CP165	CP166	CP167	CP168	CP169	CP170
-3.41*	-.092	.23740	-.07830	-.09920	-.10120	-.10170	-.05080	-.02660	-.02080	.04440	-.03350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A828 OTS+RAKES(SRB=OFF MPS=OFF) (SEE001) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1980.3000 IN. YMRP = .0000 IN. YT
BREF = 1980.3000 IN. ZMRP = 400.0000 IN. ZT
DTOLF = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 17 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.41*	-.150	-.24890	-.25990	-.25750	-.19250	-.24980	-.24180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 27 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3	-4.091	-.24760	-.26320	-.26770	-.21330	-.25230	-.25350
-3	-.111	-.23930	-.25700	-.25400	-.18850	-.24710	-.24500
103	3.900	-.24190	-.25790	-.25530	-.18170	-.25170	-.24650
	GRAD RMS	.00067	.00066	.00104	.00394	.00007	.00062

AR037-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (DES001) (22 JAN 78)

REFERENCE DATA

SREF = 2830.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1[illegible].3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 37/ 0 RN/L = 4.07 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.038	-.144	-.23720	-.25220	-.24960	-.17830	-.24[illegible]0	-.24320
	GRADIENT	.00000	.00000	.00000	.00000	.00010	.00000

AR037-044-11A82B OTS+RAKES(SRB=NOM- MPS=NOM) (DES002) (22 JAN 78)

REFERENCE DATA

SREF = 2830.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1[illegible].3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 13/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.035	-.144	-.17770	-.17570	-.17590	-.16410	-.22250	-.21870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 14/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-.019	-4.091	-.19130	-.20120	-.18250	-.19620	-.24020	-.23160
-.009	-.181	-.19050	-.18830	-.17400	-.17040	-.22900	-.21970
-.019	3.897	-.18320	-.16090	-.19360	-.16190	-.22340	-.23170
	GRADIENT	.00102	.00507	-.00141	.00304	.00210	-.00003

RUN NO 15/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
1.982	-.140	-.18020	-.19400	-.16820	-.16940	-.23310	-.22360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

TABULATED SOURCE DATA - 1A82B

AR03T-044-114828 DTS+RAKES(SRB=1.0M+ MRS=1.0M)

(22 JAN 76)

REFERENCE DATA

SREF = 0000.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 000.0000 IN. YMRP = .0000 IN. YT
BREF = 000.0000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 4/ 0 RNYL = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.955	-.114+	- 14910	- 13550	-.15+70	-.1++60	+.19800	-.20380
	GRADIENT	00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 5/ 0 RNYL = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
.118	-4.099	-.15750	-.16880	-.15040	-.173+0	-.21910	-.21750
.102	- 101	-.1+ 51	-.14110	-.14180	-.1-970	-.20130	-.20300
- 022	3.990	-.105+ 1	-.13690	-.16740	-.13930	-.19800	-.21+10
	GRADIENT	.00040	.00236	-.00216	.00+39	.00883	.0004+0

RUN NO. 6/ 0 RNYL = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
+.148	-.1++0	- 15990	-.16880	- 13+50	-.1+7+0	-.21130	-.21++0
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

AR03T-044-114828 DTS+RAKES(SRB=1.0M+ MRS=1.0M)

(22 JAN 76)

REFERENCE DATA

SREF = 0000.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 000.0000 IN. YMRP = .0000 IN. YT
BREF = 000.0000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 7/ 0 RNYL = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.966	-.114+	-.10640	-.07650	-.13340	-.11080	-.16040	-.17880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 8/ 0 RNYL = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
.04+	-4.091	-.1+	-.03710	-.12110	-.1504+0	-.19854+	-.19860
.06	- 08	- 11+ 1+	- 0864+0	-.12610	-.11250	-.16310	- 18300
- 08	3.997	-.1+ 84	- 10810	-.13390	-.1+.10	-.16690	- 19+4+
	GRADIENT	.00 05	0001	-.00160	.00501	.00342	.0015

ARC97-044-IIA82B OTS+RAKES(SR3=NOM+ MPS=NOM) (CE6004) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 0 IN. XT
LREF = 1290.3000 IN. YMRP = 0 IN. YT
BREF = 1290.3000 IN. ZMRP = 00 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 9/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
4.128	-.140	-.10980	-.09290	-.09630	-.11480	-.17150	-.17620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM++ MPS=NOM) (CE6005) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 10/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.998	-.144	-.04480	-.01630	-.06810	-. 8470	-.11740	-.13820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 11/ 0 RN/L = 4.00 GRADIEN. INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-.049	-4.088	-.05240	-.02020	-.09360	-.10540	-.13350	-.15980
-.032	-.181	-.04690	-.01990	-.06550	-.07970	-.11930	-.14280
-.042	3.897	-.06000	-.03790	-.07830	-.07540	-.12290	-.14990
	GRADIENT	-.00097	-.00223	.00188	.00374	.00131	.00122

RUN NO. 12/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
4.112	-.140	-.04530	-.01730	-.05210	-.07510	-.12180	-.14130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=VARY MPS=NOM) (CE6006) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 1.550
PT = 30.700

RUN NO. 70/ 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SR3CPR	CP101	CP102	CP103	CP109	CP110	CP111
.029	117.220	-.17440	-.17090	-.16070	-.16400	-.22170	-.21700
.029	129.540	-.16430	-.15780	-.14930	-.15620	-.21240	-.20990
.032	165.910	-.14250	-.12540	-.14300	-.13880	-.19150	-.20010
.019	186.370	-.12960	-.10810	-.14070	-.12760	-.18000	-.19340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=NOM MPS=NOM-) (CE6007) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 66/ 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.931	-.150	-.16460	-.14190	-.17450	-.16860	-.22060	-.23550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 67/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
.015	-4.101	-.17960	-.17490	-.16090	-.19830	-.25040	-.24200
.015	-.184	-.17320	-.15750	-.16280	-.17460	-.23070	-.23390
.002	3.903	-.17770	-.15590	-.18910	-.16470	-.22700	-.24440
	GRADIENT	.00023	.00237	-.00354	.00419	.00291	-.00032

RUN NO. 68/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
4.102	-.147	-.18510	-.18150	-.15520	-.17680	-.24500	-.23510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC37-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (CE6008) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 16/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.995	-.144	-.13560	-.12390	-.14300	-.12370	-.17510	-.18270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 17/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-.042	-4.09:	-.14830	-.13890	-.14410	-.15420	-.19290	-.19760
-.022	-.181	-.13570	-.12550	-.12860	-.12760	-.17730	-.18180
-.045	3.897	-.13830	-.12070	-.15380	-.11690	-.17580	-.18900
	GRADIENT	.00124	.00227	-.00125	.00465	.00213	.00106

RUN NO. 18/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
4.092	-.140	-.13610	-.12990	-.11740	-.12380	-.18090	-.17860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (CE6009) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 1.350
PT = 30.700

RUN NO. 69/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MPSCPR	CP101	CP102	CP103	CP109	CP110	CP111
.052	223.390	-.17130	-.15260	-.16500	-.16520	-.22110	-.22280
.052	251.670	-.15730	-.14520	-.14990	-.15420	-.20980	-.21200
.032	303.150	-.14550	-.13410	-.13490	-.14110	-.19280	-.19530
.032	328.780	-.14220	-.13090	-.13560	-.13450	-.18520	-.18830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (CE6010) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 19/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.580	-.015	-.16420	-.19080	-.19140	-.08260	-.17940	-.18120
	GRADIEN.	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 20/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
.374	-4.043	-.17720	-.20680	-.20840	-.11000	-.19790	-.20310
.387	-.136	-.17360	-.20130	-.20280	-.10640	-.19150	-.19460
.374	3.945	-.17260	-.20410	-.20500	-.09780	-.19560	-.19740
	GRADIENT	.00057	.00033	.00042	.00153	.00028	.00070

RUN NO. 21/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
4.540	-.095	-.17650	-.20500	-.20760	-.11070	-.19680	-.19960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM- MPS=NOM) (CE6011) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 55/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.627	-.025	-.08040	-.07670	-.09870	-.02130	-.10370	-.11180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 56/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
.320	-4.046	-.10210	-.12870	-.08680	-.04590	-.13070	-.12320
.335	-.132	-.09030	-.10200	-.08760	-.04190	-.11680	-.11350
.313	3.952	-.10060	-.08590	-.12350	-.04420	-.12810	-.13090
	GRADIENT	.00017	.00535	-.00462	.00021	.00030	-.00099

ARC97-044-11A82B OTS+RAKES(SRB=NOM- MPS=NOM) (CE6011) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 57/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
4.483	-.095	-.10300	-.12360	-.09750	-.04850	-.12750	-.12020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (CE[illegible] 2) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 46/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.604	-.095	-.04420	-.03290	-.06710	.00060	-.07900	-.09250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 47/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
.327	-4.049	-.06610	-.07950	-.04280	-.01660	-.10680	-.09970
.383	-.132	-.05210	-.04620	-.05690	-.01460	-.08550	-.09170
.333	3.982	-.03840	-.05050	-.09400	-.02680	-.10640	-.11310
	GRADIENT	-.00044	.00359	-.00642	-.00129	.00001	-.00170

RUN NO. 48/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
4.493	-.092	-.06310	-.07160	-.05010	-.02270	-.09790	-.09510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (CE6013) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 49/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.624	-.095	-.00530	.01170	-.01140	.01780	-.05080	-.06280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 50/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
.327	-4.049	-.01540	-.00700	-.01740	.00710	-.06940	-.07740
.329	-.132	-.02190	-.00630	-.03560	.00390	-.06160	-.07250
.320	3.949	-.03330	-.01470	-.05310	.00340	-.06050	-.08370
	GRADIENT	-.00224	-.00097	-.00446	-.00046	-.00003	-.00080

RUN NO. 51/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
4.459	.095	-.01500	-.00380	-.03400	.01460	-.05570	-.06950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (CE6014) (22 JAN 76)

REFERENCE DATA

SREF = 6690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 52/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.627	-.035	.06010	.07780	.07060	.05300	-.01330	-.01880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 53/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
.310	-4.046	.05780	.07870	.04510	.04880	-.02150	-.03260
.333	-.132	.05080	.07780	.04950	.03710	-.01390	-.03080
.330	3.949	.02550	.03530	.03770	.03200	-.03900	-.04230
	GRADIENT	-.00406	-.00546	-.00094	-.00210	-.00222	-.00122

ARC97-044-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (CE6014) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 54/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
4.509	-.095	.05820	.08560	.04330	.04580	-.01360	-.02820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=VARY MPS=NOM) (CE6015) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.000
PT = 30.700

RUN NO. 65/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SRBCPR	CP101	CP102	CP103	CP109	CP110	CP111
.366	222.360	-.07480	-.07870	-.07460	-.03090	-.10430	-.10540
.366	253.320	-.06680	-.06510	-.06970	-.02370	-.09690	-.10150
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM-) (CE6016) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 61/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.6+1	-.095	-.05880	-.05290	-.05860	-.02170	-.10370	-.10950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM-) (CE6016) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 62/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
.306	-4.046	-.07940	-.09820	-.05000	-.03060	-.12740	-.11680
.319	-.135	-.08260	-.09250	-.07450	-.04550	-.11910	-.12130
.310	3.952	-.08370	-.05880	-.10690	-.03810	-.12130	-.13150
	GRADIENT	-.00054	.00493	-.00712	-.00092	.00075	-.00193

RUN NO. 63/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
4.409	-.098	-.09280	-.09440	-.06770	-.03840	-.11850	-.11520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (CE6017) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 58/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.651	-.098	-.02710	-.01480	-.05100	.02130	-.05410	-.06370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 59/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
.306	-4.046	-.04730	-.04930	-.04730	-.00240	-.07920	-.07900
.313	-.132	-.03840	-.01890	-.04520	.01140	-.06240	-.06670
.310	3.949	-.04640	-.02660	-.06740	-.00170	-.07030	-.07920
	GRADIENT	.00009	.00255	-.00254	.00006	.00109	-.00005

RUN NO. 60/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
4.493	-.095	-.03540	-.03350	-.03760	.00680	-.06610	-.06770
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (CE6018) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.000
PT = 30.700

RUN NO. 64/ 0 RN/L = 3.22 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MPSCPR	CP101	CP102	CP103	CP109	CP110	CP111
.396	389.100	-.03940	-.05530	-.06410	-.02400	-.09710	-.10230
.373	431.630	-.05370	-.04930	-.05940	-.01680	-.08900	-.09630
.366	618.070	-.04140	-.03450	-.05530	-.00150	-.07270	-.09160
.369	735.140	-.03180	-.02340	-.05050	.00850	-.06570	-.07120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (CE6019) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 22/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.377	-.083	-.13420	-.17100	-.17280	-.05490	-.15970	-.16340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 23/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
.691	-4.036	-.14590	-.18810	-.19210	-.08900	-.18060	-.18770
.670	-.126	-.14210	-.18260	-.18540	-.08220	-.17450	-.17830
.686	3.952	-.14390	-.18920	-.19000	-.06610	-.17900	-.18420
	GRADIENT	.00025	-.00002	.00025	.00287	.00019	.00042

RUN NO. 24/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-1.057	-.089	-.14270	-.18280	-.18690	-.07590	-.17170	-.17710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

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ARC97-044-11A82B OTS+RAKES(SRB=NOM- MPS=NOM) (CE6020) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1230.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 34/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.410	-.092	-.04040	-.04040	-.06910	.02440	-.07200	-.07560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 35/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
.628	-4.045	-.06540	-.09190	-.05850	-.00680	-.09860	-.09040
.547	-.132	-.05930	-.07440	-.06190	-.00460	-.08930	-.08430
.521	3.958	-.06850	-.06510	-.09980	-.00450	-.09750	-.10380
	GRADIENT	-.00040	.00334	-.00519	.00029	.00012	-.00170

RUN NO. 36/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
4.637	-.088	-.06800	-.09150	-.06590	-.00590	-.09640	-.09040
	GRADIENT	.00000	.00000	.00000	.00000	00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (CE6021) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1230.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 25/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.413	-.089	-.00800	.00080	-.03980	.04240	-.04250	-.05520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 26/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
.548	-4.036	-.02820	-.03900	-.03050	.01620	-.07250	-.06390
.550	-.129	-.03370	-.02580	-.03900	.02060	-.06030	-.06600
.888	3.949	-.03780	-.02360	-.07240	.01320	-.07610	-.08680
	GRADIENT	-.00122	.00179	-.00527	-.00039	-.00046	-.00226

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (CE6021) (22 JAN 78)

REFERENCE DATA

SREF = 8690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 2.200 PT = 30.700

RUN NO. 27/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.843	-.089	-.04330	-.05250	-.05120	.01110	-.06790	-.07360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (CE6022) (22 JAN 78)

REFERENCE DATA

SREF = 8690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 2.200 PT = 30.700

RUN NO. 28/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.410	-.092	.04360	.05530	.03530	.07180	-.00550	-.01720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 29/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
.528	-4.035	.03760	.04720	.02070	.06030	-.01990	-.02660
.547	-.129	.00390	.01820	-.00170	.03450	-.03570	-.04550
.531	3.949	-.00170	.01390	-.02040	.04420	-.03870	-.05160
	GRADIENT	-.00490	-.00415	-.00514	-.00198	-.00234	-.00314

RUN NO. 30/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.847	-.089	-.00240	-.00090	.00810	.03370	-.04210	-.04680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

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ARC97-044-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (CE6023) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1030.3010 IN. YMRP = .0000 IN. YT
BREF = 1290.3010 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 31/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.413	-.092	.08620	.09730	.09160	.08680	.01560	.00990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 32/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
.548	-4.036	.07540	.09400	.06150	.06820	-.00370	-.00940
.567	-.126	.06150	.08740	.05560	.05580	-.00780	-.01990
.548	3.949	.04040	.04780	.04940	.05760	-.02620	-.02790
	GRADIENT	-.00439	-.00581	-.00652	-.00132	-.00293	-.00231

RUN NO. 33/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
4.550	-.092	.05920	.08890	.04290	.06290	-.00780	-.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=VARY MPS=NOM) (CE6024) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1030.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.200
PT = 30.700

RUN NO. 45/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SRBCPR	CP101	CP102	CP103	CP109	CP110	CP111
.577	294.710	-.04600	-.05070	-.05850	.00870	-.07800	-.07910
.560	332.710	-.03270	-.03310	-.05050	.01850	-.06730	-.07190
.577	455.270	-.00880	-.00020	-.02730	.03140	-.04660	-.05760
.577	553.530	.01260	.02470	-.00070	.04230	-.03240	-.04320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM-1) (CES025) (22 JAN 76)

REFERENCE DATA

SREF = 8681.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 40/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.420	-.092	-.02300	-.01660	-.05530	.02300	-.05570	-.07930
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 41/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
.821	-4.042	-.05170	-.07580	-.03310	-.00120	-.09980	-.09040
.820	-.125	-.04380	-.05050	-.05260	-.00220	-.09460	-.09230
.824	3.959	-.05630	-.04520	-.09310	-.00270	-.09840	-.11150
	GRADIENT	-.00059	.00381	-.00752	-.00019	.00015	-.00285

RUN NO. 42/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-.943	-.088	-.03050	-.07490	-.06340	-.00390	-.09330	-.09480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+1) (CES026) (22 JAN 76)

REFERENCE DATA

SREF = 8681.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 37/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
-3.433	-.092	-.03480	.00440	-.04740	.05400	-.02990	-.03780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 38/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
.508	-4.042	-.02770	-.02830	-.04110	.02550	-.05450	-.05760
.503	-.125	-.01480	-.01100	-.0[illegible]32	.0[illegible]30	-.04520	-.04890
.514	3.955	-.02920	-.01480	-.0[illegible]57	.0[illegible]60	-.06110	-.05720
	GRADIENT	-.00021	.00167	-.00[illegible]	-.00010	-.00085	-.00122

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (CE6026) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 39/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP109	CP110	CP111
4.637	-.092	-.03610	-.03690	-.04380	.02130	-.05410	-.05870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (CE6027) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.200
PT = 30.700

RUN NO. 43/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MPSCPR	CP101	CP102	CP103	CP109	CP110	CP111
.690	521.860	-.03740	-.03740	-.05160	.00890	-.07420	-.08150
.590	635.620	-.02840	-.02630	-.04640	.01720	-.06520	-.07400
.593	902.330	-.01770	-.01390	-.03970	.03110	-.05330	-.05790
.577	1066.000	-.01500	-.00930	-.03550	.03490	-.04710	-.05130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (CE6028) (22 JAN 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 113/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.415	-.156	-.24270	-.25610	-.25240	-.25730	-.25100	-.25250	-.25140	-.24690	-.24660	-.24370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (CE6028) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 114/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.056	-4.085	-.25840	-.26960	-.27040	-.27560	-.26730	-.26670	-.26980	-.26200	-.26170	-.26130
.052	-2.140	-.25120	-.26520	-.26630	-.27060	-.26070	-.26170	-.26350	-.25630	-.25720	-.25690
.078	-.171	-.24200	-.25710	-.25510	-.26080	-.24930	-.25420	-.25090	-.24900	-.25090	-.24870
.056	1.680	-.24730	-.26270	-.25710	-.26690	-.25600	-.26000	-.25720	-.25510	-.25800	-.25320
.052	3.903	-.24270	-.25730	-.25250	-.26040	-.25110	-.25620	-.25250	-.25170	-.25480	-.25070
	GRADIENT	.00155	.00135	.00224	.00169	.00184	.00112	.00203	.00108	.00064	.00123

RUN NO. 115/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.212	-.144	-.23910	-.25260	-.25070	-.25610	-.24150	-.24910	-.24220	-.24280	-.24730	-.24400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM- MPS=NOM) (CE6029) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 119/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.992	-.150	-.18420	-.19030	-.18200	-.20680	-.19740	-.22070	-.22100	-.20940	-.21950	-.21440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 120/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-.022	-4.085	-.20050	-.21700	-.19230	-.22610	-.21420	-.22890	-.23900	-.21980	-.23320	-.22870
-.022	-.168	-.19990	-.20580	-.18850	-.21910	-.20590	-.22830	-.22940	-.22180	-.22970	-.22190
-.022	3.906	-.19510	-.18050	-.20180	-.21500	-.22300	-.23060	-.23260	-.21640	-.22450	-.22700
	GRADIENT	.00068	.00458	-.00120	.00139	-.00112	-.00022	.00073	.00043	.00109	.00020

ARC97-044-11A82B OTS(SRB=NOM- MPS=NOM) (CE6029) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 121/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.135	-.144	-.19840	-.20420	-.19110	-.22440	-.21380	-.23060	-.23030	-.22000	-.23080	-.22240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (CE6030) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 116/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.978	-.147	-.15270	-.14210	-.16980	-.17440	-.18190	-.20210	-.20570	-.17850	-.18950	-.19900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 117/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-.022	-4.085	-.17120	-.17340	-.16380	-.19510	-.19130	-.20830	-.22030	-.19790	-.20790	-.20940
-.019	-2.143	-.16400	-.16910	-.14890	-.19090	-.17960	-.20130	-.20870	-.19060	-.20110	-.19800
-.022	-.171	-.15830	-.15470	-.14940	-.18050	-.17740	-.19750	-.20400	-.18810	-.19610	-.19470
-.042	1.887	-.15810	-.14890	-.16400	-.18970	-.18910	-.20200	-.20610	-.18250	-.19610	-.19890
-.039	3.803	-.15930	-.14960	-.18070	-.18630	-.20000	-.20430	-.21030	-.17880	-.19300	-.20590
	GRADIENT	.00147	.00338	-.00248	.00118	-.00137	.00035	.00111	.00231	.00173	.00029

RUN NO. 118/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.128	-.147	-.16710	-.16910	-.15510	-.19520	-.18670	-.20720	-.21060	-.19270	-.20610	-.19970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM+ MPS=NOM) (CE6031) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 124/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.035	-.169	-.11180	-.09530	-.12420	-.13080	-.14520	-.17160	-.18130	-.15550	-.16000	-.17150
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 122/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.028	-.147	-.11260	-.08930	-.14230	-.12900	-.15490	-.17560	-.18320	-.15090	-.15960	-.17510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 123/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-.055	-4.085	-.12950	-.11570	-.13740	-.15340	-.16370	-.18260	-.19860	-.17180	-.17640	-.18780
-.058	-.171	-.11640	-.10210	-.13180	-.14100	-.15530	-.17010	-.18220	-.14770	-.15890	-.17260
-.055	3.903	-.11790	-.10790	-.14890	-.14800	-.16960	-.17540	-.18520	-.15080	-.16250	-.18100
	GRADIENT	.00144	.00096	-.00146	.00066	-.00076	.00089	.00166	.00261	.00172	.00083

ARC97-044-11A82B OTS(SRB=NOM++ MPS=NOM) (CE6032) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 125/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.032	-.165	-.05280	-.03150	-.07710	-.07160	-.09930	-.13390	-.14610	-.11850	-.11480	-.13330
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 126/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-.076	-4.095	-.06110	-.03740	-.10550	-.08230	-.12720	-.13930	-.16570	-.12220	-.12310	-.15290
-.058	-.168	-.05360	-.03360	-.08300	-.07990	-.10810	-.12930	-.14560	-.10840	-.11450	-.13380
-.059	3.906	-.05850	-.04170	-.08910	-.09200	-.11650	-.13700	-.14230	-.10850	-.11870	-.13590
	GRADIENT	.00032	-.00055	.00203	-.00123	.00132	.00027	.00291	.00170	.00054	.00211

ARC97 044-11A82B OTS(SRB=NOM++ MPS=NOM) (CE6032) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN XT
LREF = 1290.3000 IN. YMRP = .00 I . T
BREF = 1290.3000 IN. ZMRP = 400.0000 I .
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 127/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.015	-.169	-.04950	-.03130	-.06240	-.08570	-.10430	-.13440	-.15070	-.11170	-.11950	-.13440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM-) (CE6033) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 128/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.018	-.165	-.16880	-.16010	-.16850	-.19370	-.19090	-.22620	-.23080	-.21050	-.21780	-.22170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 129/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-.042	-.082	-.18980	-.19950	-.17720	-.22140	-.21000	-.23650	-.24920	-.22400	-.23720	-.23580
-.039	-.166	-.17790	-.16960	-.17020	-.20570	-.19870	-.22680	-.23830	-.21540	-.22330	-.22320
-.052	-.248	-.18080	-.16740	-.19690	-.21080	-.22350	-.23580	-.23990	-.21200	-.22430	-.23400
	GRADIENT	.00111	.00387	-.00248	.00131	-.00172	.00007	.00115	.00150	.00160	.00021

RUN NO. 130/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.025	-.171	-.18970	-.18110	-.17590	-.22350	-.21140	-.23970	-.23970	-.22300	-.23860	-.22790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM+) (CE6034) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 131/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.018	-.165	-.13760	-.13210	-.14640	-.15660	-.16160	-.17740	-.18210	-.16310	-.17200	-.17680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 132/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-.055	-4.082	-.15450	-.15000	-.15330	-.17380	-.17600	-.18630	-.19940	-.17850	-.18490	-.19130
-.045	-.169	-.14110	-.13630	-.13910	-.15970	-.16140	-.17450	-.18220	-.16530	-.17230	-.17420
-.059	3.806	-.14380	-.13470	-.16570	-.16650	-.18100	-.18140	-.18810	-.15840	-.17290	-.18530
	GRADIENT	.00145	.00190	-.00171	.00090	-.00065	.00060	.00139	.00251	.00149	.00073

RUN NO. 133/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.065	-.171	-.14690	-.14530	-.13630	-.17220	-.16590	-.18150	-.18630	-.16840	-.18060	-.17790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (CE6035) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.581	-.117	-.16990	-.19500	-.19500	-.19630	-.19450	-.19370	-.19360	-.19100	-.19060	-.18910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (CE6035) (22 JAN 76)

REFERENCE DATA

SREF = 9680.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.317	-4.033	-.18440	-.21250	-.21540	-.21580	-.21300	-.21210	-.21210	-.21010	-.20840	-.21150
.366	-2.080	-.18050	-.20730	-.20910	-.20930	-.20730	-.20540	-.20600	-.20450	-.20410	-.20470
.466	-.123	-.17990	-.20590	-.20680	-.20870	-.20590	-.20520	-.20540	-.20240	-.20220	-.20150
.390	1.935	-.17900	-.20670	-.20410	-.20760	-.20300	-.20540	-.20350	-.20130	-.20260	-.20040
.470	3.955	-.18020	-.21020	-.21020	-.21200	-.20790	-.21000	-.20910	-.20810	-.20910	-.20810
	GRADIENT	.00049	.00025	.00076	.00046	.00072	.00020	.00042	.00035	-.00000	.00055

RUN NO. 94/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.479	-.038	-.18220	-.20960	-.21120	-.21290	-.20990	-.20860	- 20960	-.20610	-.20570	-.20620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM- MPS=NO[illegible] (CE6036) (22 JAN 76)

REFERENCE DATA

SREF = 9680.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 98/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.661	-.102	-.08190	-.08100	-.09860	-.09530	-.10430	-.10300	-.11080	-.09710	-.10150	-.10780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 99/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.227	-4.039	-.10960	-.13230	-.10110	-.13240	-.11720	-.13280	-.13110	-.11790	-.13280	-.12460
.313	-.123	-.09600	-.10770	-.09330	-.11400	-.10780	-.11690	-.11860	-.10820	-.11820	-.11420
.223	3.965	-.10180	-.10090	-.11970	-.12110	-.12680	-.12550	-.13200	-.11200	-.12270	-.12480
	GRADIENT	.00096	.00390	-.00223	.00139	-.00122	.00089	-.00013	.00073	.00125	-.00004

ARC97-044-11A82B OTS(SRB=NOM- MPS=NOM) (CE6036) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 100/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.429	-.099	-.10650	-.12650	-.10600	-.12800	-.12190	-.12650	-.12990	-.11250	-.12840	-.12100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (CE6037) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 95/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.647	-.102	-.04680	-.04020	-.06840	-.06000	-.07520	-.07300	-.08650	-.06970	-.06890	-.08390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 96/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.305	-4.039	-.07210	-.09720	-.05750	-.09900	-.08400	-.10320	-.10530	-.07720	-.10340	-.09590
.293	-2.091	-.05890	-.06550	-.05650	-.08310	-.08040	-.09100	-.09400	-.07230	-.09010	-.08720
.309	-.123	-.05090	-.04980	-.05940	-.07100	-.07780	-.08390	-.09000	-.06970	-.08020	-.08550
.299	1.935	-.05780	-.05240	-.08530	-.07980	-.09440	-.09090	-.10060	-.07530	-.08500	-.09680
.295	3.952	-.07910	-.05710	-.09610	-.09630	-.10890	-.11000	-.11180	-.09580	-.10390	-.10870
	GRADIENT	-.00089	.00353	-.00532	.00020	-.00321	-.00071	-.00101	-.00203	.00017	-.00178

RUN NO. 97/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.493	-.098	-.06390	-.07380	-.06020	-.08880	-.08580	-.09400	-.09920	-.07600	-.09230	-.09080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM+ MPS=NOM) (CE6038) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 101/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.65+	-.099	-.00550	.00580	-.02710	-.02080	-.03930	-.04580	-.05850	-.04280	-.03740	-.04960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 102/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.893	-4.040	-.01770	-.01530	-.02880	-.04880	-.05480	-.07000	-.08030	-.04490	-.06510	-.07050
.316	-.123	-.03370	-.02210	-.05260	-.04940	-.06370	-.06760	-.07670	-.05670	-.06320	-.07450
.693	3.966	-.04000	-.03610	-.06400	-.06360	-.07840	-.09260	-.08370	-.06490	-.07160	-.08180
	GRADIENT	-.00278	-.00135	-.00439	-.00186	-.00308	-.00159	-.00043	-.00250	-.00082	-.00142

RUN NO. 103/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP10	CP108	CP109	CP110	CP111
4.+43	- 095	-.01260	-.00700	-.02730	-.03720	-.05210	-.06120	-.07220	-.03930	-.05430	-.06290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM++ MPS=NOM) (CE6039) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 104/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
3.037	-.038	.00840	.00170	.00840	.03160	.03440	-.01290	-.02320	-.00590	-.00130	-.00590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 105/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.0+2	-4.040	.6+20	.07830	.02140	.03240	-.00530	-.03780	-.04340	-.01180	-.02080	-.03230
.4+4	-.103	.00780	.07280	.04800	.02860	.01430	-.02070	-.03720	-.01760	-.01210	-.02200
.8+3	3.968	.+2+0	.02490	.0+6+0	-.01710	-.01040	-.04780	-.05220	-.03090	-.04220	-.04150
	GRADIENT	-.+1+8	-.00809	-.00145	-.00623	-.00068	-.00129	-.00112	-.00240	-.00271	-.00118

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AR097-044-11A823 OTS(SRB=NOM++ MPS=NOM) (CE6039) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1291.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.9000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 106/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.479	-.096	.08810	.07910	.03970	.02300	.00180	-.02660	-.03880	-.00840	-.01380	-.02490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM MPS=NOM-) (CE6040) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1291.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.9000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 107/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.551	-.098	-.06220	-.05170	-.07700	-.07430	-.08870	-.09340	-.10540	-.08750	-.08660	-.09900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 108/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.035	-.118	-.04520	-.10730	-.08470	-.11680	-.09510	-.12160	-.12510	-.09690	-.12370	-.11350
.033	-.123	-.04180	-.07230	-.07480	-.09540	-.09540	-.10720	-.11570	-.09650	-.10460	-.10680
.041	-.126	-.04480	-.07160	-.11030	-.11560	-.12620	-.13060	-.13340	-.11250	-.12340	-.12860
.038	AVG	-.04393	-.08373	-.09327	-.10927	-.10557	-.11980	-.12473	-.10197	-.11723	-.11630
	GRADIENT	-.00083	.00444	-.00573	.00011	-.00392	-.00116	-.00106	-.00197	.00001	-.00191

RUN NO. 109/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.492	-.095	-.04790	-.10610	-.08960	-.11780	-.11280	-.12090	-.12820	-.10260	-.12000	-.11760
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM+) (CE6041) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 110/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.691	-.099	-.03250	-.02230	-.05090	-.04150	-.05670	-.04910	-.06050	-.04760	-.04830	-.06020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 111/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.236	-.035	-.05760	-.06280	-.05890	-.07630	-.07570	-.08140	-.08270	-.06110	-.08160	-.07870
.289	-.123	-.03120	-.02620	-.05060	-.04950	-.06180	-.06130	-.06780	-.04370	-.06060	-.06370
.256	3.955	-.05410	-.04100	-.07150	-.07000	-.07830	-.07700	-.07940	-.06980	-.07310	-.07720
	GRADIENT	.00040	.00269	-.00160	.00075	-.00035	.00052	.00039	-.00113	.00103	.00016

RUN NO. 112/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
+.399	-.098	-.03690	-.03850	-.04260	-.05830	-.06160	-.06700	-.07090	-.04570	-.06590	-.06600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (CE6042) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 71/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.383	-.099	-.13970	-.17290	-.17540	-.17500	-.17330	-.17460	-.17480	-.17190	-.17170	-.16980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (CE6042) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 72/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.595	-4.036	-.15410	-.19290	-.19710	-.19560	-.19420	-.19330	-.19250	-.19310	-.19290	-.19310
.597	-2.085	-.15240	-.19110	-.19570	-.19420	-.19420	-.19210	-.19250	-.19060	-.19020	-.19000
.597	-.113	-.15100	-.18810	-.19230	-.18920	-.19000	-.18850	-.19020	-.18770	-.18790	-.18710
.594	1.945	-.14650	-.18760	-.18980	-.18920	-.18780	-.18780	-.18710	-.18400	-.18550	-.18300
.595	3.961	-.15120	-.19130	-.19400	-.19290	-.19170	-.19210	-.19150	-.19090	-.19150	-.19080
	GRADIENT	.00049	.00033	.00060	.00051	.00057	.00033	.00037	.00054	.00037	.00056

RUN NO. 73/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.733	-.092	-.15150	-.18890	-.19410	-.19140	-.19240	-.19030	-.19030	-.18780	-.18660	-.18760
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM- MPS=NOM) (CE6043) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 74/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.433	-.092	-.04980	-.04750	-.07190	-.06160	-.07550	-.07170	-.07850	-.06120	-.07210	-.07370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 75/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.614	-4.033	-.07280	-.09940	-.07550	-.10110	-.08910	-.10420	-.09790	-.08280	-.10190	-.09350
.593	-.113	-.06830	-.07310	-.06830	-.08540	-.08160	-.09000	-.08750	-.07370	-.09020	-.08230
.615	3.961	-.08720	-.07400	-.10080	-.10870	-.11000	-.11210	-.11370	-.10520	-.11000	-.10950
	GRADIENT	-.00182	.00316	-.00320	-.00098	-.00264	-.00102	-.00201	-.00283	-.00184	-.00283

ARC97-044-1IA82B OTS(SRB=NOM- MPS=NOM) (CE6043) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 76/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.620	-.092	-.07330	-.09520	-.07830	-.09810	-.09350	-.09900	-.09880	-.08250	-.10040	-.09210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=NOM MPS=NOM) (CE6044) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 77/ 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.450	-.095	-.01650	-.01020	-.04590	-.03020	-.04970	-.04280	-.05660	-.03780	-.03970	-.05430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 78/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.508	-4.033	-.04360	-.05950	-.04300	-.07190	-.06410	-.07940	-.07540	-.05100	-.07880	-.07130
.507	-2.088	-.02910	-.03770	-.03290	-.05430	-.05310	-.06390	-.06310	-.03870	-.06430	-.05790
.510	-.116	-.02960	-.03250	-.04770	-.05190	-.06040	-.06310	-.06730	-.03990	-.06080	-.06400
.507	1.945	-.03370	-.02560	-.06970	-.05590	-.07280	-.06970	-.07800	-.05590	-.06420	-.07410
.504	3.951	-.05430	-.03730	-.07860	-.08490	-.08660	-.09120	-.09100	-.07730	-.09510	-.08890
	GRADIENT	-.00133	.00290	-.00542	-.00142	-.00326	-.00150	-.00233	-.00352	-.00065	-.00259

RUN NO. 79/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.627	-.089	-.05530	-.06490	-.05510	-.07590	-.07650	-.07670	-.08150	-.06490	-.07440	-.07820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM+ MPS=NOM) (CEED45) (22 JAN 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 80/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.480	- 098	.03370	.04140	.01620	.01370	-.00140	-.01350	-.02360	-.00510	-.00820	-.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 81/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.491	+.033	.02050	.02610	-.00360	-.00410	-.02630	-.03760	-.04160	-.00990	-.02460	-.03860
.507	- 116	.03030	.04200	.00970	.00640	-.01320	-.02600	-.03570	-.01180	-.01800	-.02620
.498	3.981	-.00410	.00420	-.02480	-.03340	-.04070	-.05050	-.05100	-.03800	-.04300	-.04910
	GRADIENT	-.00311	-.00278	-.00269	-.00371	-.00184	-.00164	-.00119	-.00354	-.00110	-.00135

RUN NO. 82/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
3.513	-.098	-.01220	-.01740	-.00840	-.03480	-.03640	-.05060	-.05920	-.03550	-.04630	-.05020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM++ MPS=NOM) (CEED45) (22 JAN 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 83/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
3.440	-.095	.07540	.08950	.07910	.05160	.04580	.00830	.00970	.01330	.01950	.01440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 84/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
8.41	+.032	.05340	.06870	.04980	.03920	.01720	-.02550	-.02440	.00190	-.01080	-.01380
8.47	- 116	.07080	.08820	.06560	.04140	.02090	-.01030	-.02100	-.00490	-.00160	-.00990
8.41	3.981	.03690	.03970	.04830	-.00160	.01040	-.02990	-.03300	-.01830	-.02630	-.02460
	GRADIENT	-.00481	-.00580	-.00003	-.00514	-.00086	-.00058	-.00109	-.00253	-.00197	-.00139

ARC97-044-1IA82B OTS(SRB=NOM++ MPS=NOM) (CE6046) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 85/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.647	-.089	.05280	.08590	.01940	.02080	.00370	-.01950	-.02920	-.00640	-.01030	-.02040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=NOM MPS=NOM-) (CE6047) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 86/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.443	-.092	-.02980	-.02560	-.06140	-.04760	-.06880	-.06580	-.07860	-.05770	-.05830	-.07320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 87/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.469	-4.033	-.05890	-.08530	-.04680	-.09280	-.07290	-.09820	-.09740	-.06960	-.09880	-.08670
.527	-.116	-.04700	-.05470	-.05640	-.07350	-.07710	-.08460	-.09090	-.06680	-.08110	-.08290
.434	3.961	-.05020	-.05560	-.09630	-.10160	-.10720	-.11240	-.11300	-.09470	-.10160	-.10720
	GRADIENT	-.00132	.00369	-.00622	-.00114	-.00431	-.00181	-.00198	-.00317	-.00038	-.00259

RUN NO. 88/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.623	-.089	-.06720	-.08390	-.07160	-.09500	-.09270	-.09670	-.10300	-.07810	-.09420	-.09310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM+) (CE6048) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 89/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.480	-.092	-.00840	-.00480	-.02820	-.02110	-.02410	-.02780	-.03760	-.02570	-.02820	-.03780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 90/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.468	-4.033	-.03480	-.04070	-.04920	-.05610	-.06030	-.05900	-.06410	-.04630	-.05090	-.05990
.487	-.113	-.01600	-.01600	-.03880	-.03540	-.04670	-.04630	-.05020	-.02750	-.04630	-.04690
.464	3.991	-.03530	-.02500	-.06050	-.05530	-.06490	-.06970	-.06570	-.06010	-.06430	-.06640
	GRADIENT	-.00009	.00194	-.00144	-.00119	-.00060	-.00137	-.00022	-.00177	-.00045	-.00084

RUN NO. 91/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.597	-.120	-.04100	-.04790	-.05140	-.05850	-.05920	-.05960	-.06210	-.05270	-.05900	-.06000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (CE6049) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 134/ 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.352	-.165	-.25730	-.26860	-.26780	-.27450	-.26640	-.26930	-.26790	-.26120	-.26210	-.25810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 135/ 0 RN/L = 4.15 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.011	-4.082	-.28720	-.28300	-.3290	-.28620	-.27890	-.27870	-.28200	-.27390	-.27500	-.27400
.018	-.188	-.28620	-.27010	-.27010	-.27420	-.26280	-.26690	-.26440	-.26230	-.26360	-.26200
.001	3.906	-.28700	-.27280	-.26590	-.27500	-.26640	-.27160	-.26750	-.26690	-.26960	-.26630
	GRADIENT	.00127	.00114	.00212	.00139	.00155	.00087	.00180	.00085	.00064	.00095

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (CE6049) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 136/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.098	-.163	-.25890	-.26740	-.26510	-.27050	-.25520	-.26300	-.25510	-.25720	-.26180	-.25790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (CE6050) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 137/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.055	-.165	-.17210	-.16150	-.13320	-.19570	-.19770	-.21320	-.21850	-.19350	-.20570	-.21290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 138/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-.112	-4.082	-.18710	-.20050	-.17680	-.21950	-.20760	-.22080	-.23440	-.20980	-.22140	-.22330
-.035	-.169	-.17910	-.17300	-.18050	-.20310	-.20040	-.21150	-.21950	-.19730	-.20810	-.21230
-.112	3.906	-.17840	-.16920	-.19910	-.20650	-.21890	-.21890	-.22640	-.19280	-.20730	-.21780
	GRADIENT	.00108	.00390	-.00280	.00161	-.00144	.00022	.00098	.00212	.00175	.00067

RUN NO. 139/ 0 RN/L = 4.04 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
3.978	-.165	-.18340	-.19020	-.16980	-.21240	-.20190	-.21770	-.22100	-.20380	-.21830	-.21030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=OFF MPS=OFF) (CE6051) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 143/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.707	-.117	-.18500	-.21080	-.21120	-.21290	-.21010	-.20950	-.20890	-.20710	-.20650	-.20610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 144/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.267	-4.030	-.19680	-.22520	-.22830	-.22830	-.22570	-.22460	-.22400	-.22140	-.22030	-.22310
.268	-.120	-.19210	-.21990	-.22010	-.22120	-.21880	-.21900	-.21930	-.21650	-.21640	-.21600
.263	3.958	-.19460	-.22590	-.22580	-.22620	-.22150	-.22430	-.22280	-.22080	-.22280	-.21990
	GRADIENT	.00024	-.00008	.00030	.00025	.00052	.00003	.00014	.00007	-.00032	.00039

RUN NO. 145/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.339	-.095	-.19340	-.22390	-.22490	-.22640	-.22380	-.22210	-.22250	-.21930	-.21990	-.21900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=NOM MPS=NOM) (CE6052) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 140/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.704	-.114	-.05450	-.06390	-.06780	-.08200	-.08240	-.08950	-.09940	-.08730	-.08880	-.09440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 141/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.270	-4.033	-.08330	-.10690	-.07010	-.11250	-.09500	-.11570	-.11640	-.08830	-.11550	-.10710
.267	-.120	-.08980	-.09260	-.09520	-.10900	-.10450	-.10990	-.11680	-.10390	-.10730	-.11310
.263	3.962	-.08520	-.07400	-.11360	-.11860	-.12790	-.12490	-.13050	-.11250	-.11940	-.12460
	GRADIENT	-.00149	.00363	-.00544	-.00077	-.00412	-.00117	-.00178	-.00302	-.00051	-.00220

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (CE6052) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = 4.000 ELV-0B = .000
MACH = 2.000 PT = 30.700

RUN NO. 142/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.276	-.117	-.08500	-.09770	-.08240	-.10960	-.10750	-.11110	-.11980	-.09540	-.11150	-.11130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (CE6053) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = 4.000 ELV-0B = .000
MACH = 2.200 PT = 30.700

RUN NO. 146/ 0 RN/L = 3.44 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.453	-.107	-.15320	-.18740	-.18920	-.18980	-.18610	-.18610	-.18760	-.18340	-.18300	-.18300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 147/ 0 RN/L = 3.43 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.511	-.033	-.18730	-.20600	-.21040	-.20790	-.20850	-.20730	-.20540	-.20380	-.20440	-.20460
.517	-.106	-.18110	-.20110	-.20540	-.20420	-.20380	-.20290	-.20310	-.20020	-.19940	-.19880
.511	-.185	-.18150	-.20130	-.20500	-.20630	-.20440	-.20520	-.20500	-.20300	-.20320	-.20190
	GRADIENT	.00072	.00058	.00067	.00020	.00051	.00026	.00005	.00009	.00014	.00033

RUN NO. 148/ 0 RN/L = 3.42 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.511	-.111	-.15580	-.18900	-.20910	-.20880	-.20740	-.20840	-.20840	-.20700	-.20770	-.20790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (CE6054) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 149/ 0 RN/L = 3.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.510	-.104	-.02890	-.02890	-.05600	-.04730	-.06410	-.05760	-.06980	-.05020	-.05350	-.06670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 150/ 0 RN/L = 3.37 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.451	-4.030	-.05350	-.07520	-.05140	-.08570	-.07290	-.09170	-.08660	-.06070	-.09170	-.08160
.447	-.113	-.04520	-.05310	-.06470	-.07220	-.08030	-.07990	-.08570	-.05990	-.07760	-.08240
.431	3.952	-.06510	-.04950	-.09540	-.10060	-.10320	-.10350	-.10550	-.09160	-.09790	-.10280
	GRADIENT	-.00148	.00321	-.00553	-.00190	-.00381	-.00151	-.00238	-.00390	-.00080	-.00267

RUN NO. 151/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.427	-.107	-.07280	-.09010	-.08510	-.09750	-.09550	-.09460	-.10090	-.08510	-.09460	-.09610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (CE6055) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 154/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.006	-.165	-.25200	-.26620	-.26270	-.26720	-.26040	-.26220	-.26040	-.25460	-.25510	-.25160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 153/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.015	-4.082	-.26190	-.27560	-.27640	-.28050	-.27300	-.27190	-.27560	-.26800	-.26810	-.26720
.018	-.147	-.25110	-.26540	-.26480	-.26850	-.25930	-.26320	-.26050	-.25790	-.25970	-.25730
-.012	3.900	-.25140	-.26670	-.25880	-.26870	-.25940	-.26380	-.26040	-.26030	-.26210	-.25910
	GRADIENT	.00131	.00111	.00220	.00147	.00170	.00101	.00190	.00096	.00075	.00101

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (CE6055) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 152/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.065	-.165	-.24870	-.26390	-.26280	-.26710	-.25190	-.26040	-.25270	-.25240	-.25840	-.25480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (CE6056) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 155/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.038	-.159	-.16750	-.15840	-.18130	-.19180	-.19320	-.20930	-.21230	-.18940	-.20010	-.20730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 156/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.078	-4.089	-.18490	-.19720	-.17330	-.21430	-.20310	-.21630	-.22930	-.20650	-.21700	-.21840
-4.044	-.179	-.17200	-.16840	-.17440	-.19810	-.19300	-.20480	-.21320	-.19260	-.20300	-.20730
-4.078	3.900	-.17540	-.16600	-.19600	-.20240	-.21460	-.21490	-.22110	-.19940	-.20350	-.21400
	GRADIENT	.00119	.00397	-.00286	.00147	-.00147	.00016	.00101	.00226	.00168	.00054

RUN NO. 157/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.048	-.140	-.17340	-.18600	-.16510	-.20690	-.19710	-.21220	-.21490	-.19710	-.21230	-.20410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (CE6057) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 158/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.682	-.096	-.17640	-.19380	-.19990	-.20100	-.19830	-.19810	-.19850	-.19470	-.19410	-.19340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 159/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.278	-4.040	-.19060	-.21670	-.21980	-.21910	-.21650	-.21540	-.21620	-.21290	-.21140	-.21490
.305	-.130	-.18850	-.21420	-.21380	-.21490	-.21310	-.21310	-.21350	-.20960	-.21000	-.21060
.312	3.945	-.19950	-.21720	-.21630	-.21740	-.21320	-.21600	-.21500	-.21320	-.21500	-.21270
	GRADIENT	.00025	-.00007	.00043	.00021	.00041	-.00008	.00015	-.00004	-.00046	.00027

RUN NO. 160/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-.388	-.093	-.19960	-.21720	-.21810	-.21800	-.21600	-.21630	-.21610	-.21270	-.21270	-.21210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (CE6058) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 161/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.709	-.095	-.05410	-.04740	-.07220	-.06840	-.08170	-.07890	-.09280	-.07370	-.07510	-.08680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 162/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.255	-4.037	-.08180	-.10050	-.06470	-.10890	-.09100	-.11190	-.11100	-.08380	-.11180	-.10210
.283	-.130	-.07400	-.09950	-.07850	-.09010	-.09450	-.09430	-.10250	-.07950	-.09180	-.09720
.289	3.945	-.09080	-.06990	-.10680	-.11130	-.12130	-.11880	-.12590	-.10680	-.11390	-.11680
	GRADIENT	-.00115	.00380	-.00529	-.00034	-.00382	-.00090	-.00189	-.00291	-.00030	-.00212

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (CE6058) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1292.3000 IN. YMRP = .0000 IN. YT
BREF = 1292.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 163/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.031	-.033	-.07820	-.08840	-.07470	-.10040	-.09950	-.10320	-.10940	-.08470	-.10260	-.10100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (CE6059) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1292.3000 IN. YMRP = .0000 IN. YT
BREF = 1292.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 164/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.948	-.096	-.18930	-.18210	-.18490	-.18330	-.18230	-.18180	-.18210	-.17750	-.17650	-.17650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 165/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.030	-.033	-.19000	-.19780	-.20110	-.19930	-.20070	-.13930	-.19890	-.19580	-.19780	-.19760
-.126	-.126	-.18800	-.18650	-.18960	-.18840	-.19860	-.19720	-.19720	-.19490	-.19430	-.19410
3.951	3.951	-.15770	-.15780	-.15970	-.15970	-.19700	-.19840	-.19800	-.19650	-.19680	-.19530
	GRADIENT	.00008	.00010	.00005	.00018	.00036	.00011	.00011	.00003	.00012	.00028

RUN NO. 166/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.048	-.047	-.18880	-.19540	-.19310	-.19970	-.19830	-.19580	-.19730	-.19380	-.19280	-.19300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM MPS=NOM) (CE6060) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.7000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 167/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.610	- .083	-.01980	-.01720	-.04770	-.03720	-.05330	-.04770	-.05840	-.03970	-.04320	-.05610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 168/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.317	-4.030	-.04940	-.07200	-.04530	-.08020	-.08350	-.08740	-.08210	-.05660	-.08720	-.07550
.467	-.126	-.03740	-.04170	-.05610	-.06130	-.06990	-.06900	-.07560	-.04890	-.06540	-.06990
.611	3.965	-.05700	-.03900	-.09570	-.09130	-.09390	-.09540	-.09700	-.08230	-.08700	-.09210
	GRADIENT	-.00099	.00411	-.00508	-.00143	-.00320	-.00104	-.00189	-.00326	-.00001	-.00210

RUN NO. 169/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.047	- .098	-.06370	-.07910	-.07560	-.08790	-.08750	-.08480	-.09140	-.07410	-.08056	-.08130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=OFF MPS=OFF) (CE6061) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.7000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 170/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.27	- .153	[illegible]	-.27650	-.27360	-.27590	-.27070	-.27390	-.27130	-.26530	-.26690	-.26290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

TABULATED SOURCE DATA - 1A82B

(CE6061) (22 JAN 76)

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF)

PARAMETRIC DATA

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.0000 IN. ZMRP = +00.0000 IN. ZT
SCALE = 0100

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 171 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
[illegible]	[illegible]	[illegible]	-.28610	.00750	-.28600	-.28350	-.28370	-.28660	-.27830	-.27890	-.27800
[illegible]	-2.120	[illegible]	-.28200	.00360	-.28600	-.27940	-.28110	-.28210	-.27420	-.27570	-.27450
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.27690	-.27140	-.27480	-.27190	-.26980	-.27020	-.26900
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.27430	-.27340	-.27600	-.27400	-.27600	-.27280
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.27040	-.27500	-.27150	-.27060	-.27290	-.26980
	GRADIENT	.00188	.00104	.00012	.00134	.00155	.00095	.00181	.00077	.00058	.00090

RUN NO. 172 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
[illegible]	-.137	[illegible]	-.27080	-.25810	-.27040	-.25830	-.26720	-.25800	-.26030	-.26520	-.26170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

(CE6062) (22 JAN 76)

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM)

PARAMETRIC DATA

REFERENCE DATA

[illegible] = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
[illegible] = [illegible] IN. YMRP = .0000 IN. YT
[illegible] = [illegible] IN. ZMRP = +00.0000 IN. ZT
[illegible] = 0100

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 173 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
[illegible]	[illegible]	[illegible]	-.18040	-.18730	-.21060	-.20480	-.21320	-.21810	-.19850	-.20600	-.21270
	-.1140		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
	GRADIENT										

RUN NO. 174 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.21260	-.22520	-.23520	-.21080	-.22520	-.22490
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.20470	-.22070	-.22610	-.20480	-.22070	-.21430
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.21430	-.21750	-.22410	-.20140	-.21160	-.21690
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.21620	-.21310	-.22380	-.19680	-.20930	-.21370
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.22520	-.21950	-.23030	-.19590	-.20930	-.22000
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.00185	.00095	.00059	.00190	.00216	.00051

TABULATED SOURCE DATA - IA82B

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (CE6062) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 175/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.1000	.1440	-.19330	-.20010	-.17800	-.21720	-.20930	-.21510	-.21970	-.20330	-.21510	-.20830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (CE6063) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
3.9910	.1440	-.18130	-.20660	-.20520	-.20450	-.20290	-.20340	-.20250	-.19960	-.19890	-.19790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 177/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
[illegible]	[illegible]	[illegible]	-.22310	-.22490	-.22330	-.22200	-.22130	-.22160	-.21830	-.21690	-.21930
[illegible]	[illegible]	[illegible]	-.21980	-.22080	-.21920	-.21830	-.21770	-.21770	-.21610	-.21470	-.21650
[illegible]	[illegible]	[illegible]	-.21810	-.21850	-.21920	-.21630	-.21660	-.21740	-.21390	-.21410	-.21390
[illegible]	[illegible]	[illegible]	-.21730	-.21670	-.21870	-.21500	-.21680	-.21590	-.21280	-.21390	-.21170
[illegible]	[illegible]	[illegible]	-.22060	-.22140	-.22050	-.21760	-.21980	-.21940	-.21650	-.21790	-.21500
	GRADIENT	[illegible]	.00027	.00055	.00030	.00060	.00019	.00031	.00034	-.00006	.00067

RUN NO. 178/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
3.9910	.1436	-.19360	-.20170	-.22300	-.22220	-.22120	-.21970	-.22020	-.21750	-.21720	-.21580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR037-044-11A82B OTS(SRB=NOM MPS=NOM) (CE6054) (22 JAN 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT XMRP = 976.0000 IN. XT
LREF = 1055.4000 IN. YMRP = .0000 IN. YT
DMFC = 1681.4000 IN ZMRP = 400.0000 IN. ZT
SCALE = 0.100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 179/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-2.000	-.095	-.08720	-.08870	-.07080	-.07500	-.08220	-.08130	-.09130	-.07300	-.07750	-.08840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 180/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-2.000	-5.005	-.08770	-.10770	-.07020	-.11480	-.09580	-.11700	-.11520	-.08530	-.11530	-.10570
-2.000	-2.549	-.07720	-.08790	-.06700	-.10120	-.09280	-.10260	-.10590	-.08150	-.10150	-.09770
-2.000	.000	-.08000	-.09680	-.06830	-.10500	-.10570	-.10300	-.11130	-.08130	-.09910	-.10620
-2.000	2.549	-.08120	-.07090	-.06950	-.10210	-.11520	-.10400	-.11910	-.08930	-.09570	-.10980
-2.000	5.001	-.08300	-.07150	-.11080	-.11490	-.12530	-.12020	-.13040	-.10780	-.11640	-.12000
	GRADIENT	-.00074	.00447	-.00614	-.00007	.00398	.00041	-.00220	-.00260	.00011	-.00205

RUN NO. 181/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-2.000	-.097	-.08410	-.10540	-.08630	-.11630	-.11530	-.11410	-.12250	-.09410	-.11050	-.10980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR037-044-11A82B OTS SRB=OFF MPS=OFF) (CE6055) (22 JAN 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1055.4000 IN. YMRP = .0000 IN. YT
DMFC = 1681.4000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0.100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 182 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-2.000	-.098	-.15120	-.18400	-.18550	-.18540	-.18420	-.18390	-.18360	-.17900	-.17900	-.17840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (CE6C65) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 183/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
[illegible]	[illegible]	-.18730	-.20140	-.20430	-.20100	-.20280	-.20020	-.20020	-.19950	-.19850	-.19890
[illegible]	[illegible]	-.18830	-.19800	-.20170	-.19910	-.19970	-.19900	-.19870	-.19700	-.19550	-.19760
.0487	[illegible]	-.18540	-.20030	-.20360	-.20230	-.20170	-.20050	-.20050	-.19560	-.19570	-.19720
.4873	1.9945	-.16210	-.19650	-.19900	-.19710	-.19670	-.19630	-.19590	-.19360	-.19470	-.19240
+6	3.1368	-.16110	-.19750	-.20120	-.19950	-.19770	-.19910	-.19850	-.19620	-.19710	-.19540
	GRADIENT	.00070	.00047	.00045	.00035	.00066	.00030	.00026	.00056	.00019	.00051

RUN NO. 184/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
[illegible]	[illegible]	-.18880	-.20310	-.20600	-.20520	-.20460	-.20250	-.20330	-.19980	-.19840	-.19880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (CE6C66) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 185/ 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
[illegible]	[illegible]	-.04240	-.05890	-.05110	-.04240	-.05890	-.05110	-.06200	-.04290	-.05880	-.05930
	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 186/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
[illegible]	[illegible]	-.08650	-.07920	-.04360	-.08720	-.07260	-.09280	-.08560	-.05600	-.09 10	-.07920
+27	-8.078	-.04800	-.08340	- 04350	-.07320	-.06540	-.07550	-.07380	-.06000	-.07730	-.06790
[illegible]	[illegible]	-.04780	-.08060	-.08420	-.06950	-.07630	-.07120	-.07990	-.05350	- 06930	-.07490
+24	[illegible]	-.08890	-.04410	-.08280	-.07500	-.09840	-.07950	-.09140	-.07010	-.07750	-.09670
+7	3.885	-.04700	- 08851	-.09060	-.09430	-.09800	-.09760	-.10130	-.08360	-.08040	-.09510
	[illegible]	-.07057	00493	-.00609	-.00083	-.00371	-.00067	-.00248	-.00382	00013	-.00255

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (CE6066) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 187/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.847	-.085	-.07100	-.08770	-.08420	-.09530	-.09450	-.09300	-.09900	-.08000	-.09010	-.09140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (CE6067) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 188/ 0 RN/L = 4.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
3.965	-.150	-.28720	-.28250	-.27910	-.28000	-.27550	-.27850	-.27620	-.27000	-.27150	-.26780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 189/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-.015	-4.079	-.27350	-.28920	-.28850	-.29020	-.28390	-.28570	-.28770	-.27900	-.28100	-.27900
	-.171	-.28180	-.28550	-.28060	-.28050	-.27460	-.27890	-.27470	-.27170	-.27370	-.27140
-.015	3.900	-.26470	-.27080	-.27360	-.28020	-.27310	-.27710	-.27450	-.27390	-.27480	-.27310
	GRADIENT	.00118	.00102	.00188	.00125	.00135	.00107	.00164	.00063	.00077	.00073

RUN NO. 190/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.128	-.144	-.25970	-.27400	-.27190	-.27450	-.26160	-.27000	-.26030	-.26320	-.26840	-.26520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (CE6068) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 191/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.038	-.144	-.18590	-.18520	-.18840	-.21470	-.20750	-.2 500	· 21960	-.20190	-.21040	-.21410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 192/ 0 RN/L = 4.15 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-.076	-4.079	-.19790	-.21220	-.18490	-.22610	-.21310	-.22490	-.23420	-.21110	- 22490	-.2235C
-.075	-.171	-.20050	-.20270	-.19700	-.22450	-.21640	-.22010	-.22600	-.20220	-.21440	-.21640
-.092	3.900	-.19390	-.18550	-.21090	-.22230	-.23050	-.22390	-.23620	-.20050	-.21380	-.22450
	GRADIENT	.00051	.00335	-.00326	.00048	-.00220	.00012	-.00027	.00132	.00138	-.00014

RUN NO. 193/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-.098	-.140	-.19520	-.20440	-.18290	-.22080	-.21220	-.21540	-.22170	-.20540	-.21400	-.21160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B CTS(SRB=OFF MPS=OFF) (CE6069) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 194/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.680	-.092	-.18050	-.20800	-.20870	-.20850	-.20670	-.20800	-.20720	-.20340	-.20300	-.20160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 195/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.284	-4.024	-.19320	-.22380	-.22510	-.22380	-.22340	-.22230	-.22250	-.21960	-.21760	-.22020
.304	-.123	-.19880	-.21840	-.21900	-.22020	-.21680	-.21730	-.21730	-.21350	-.21390	-.21370
.284	3.840	-.18510	-.21830	-.22020	-.21980	-.21690	-.21870	-.21870	-.21510	-.21670	-.21380
	GRADIENT	.00058	.00061	.00081	.00050	.00081	.00045	.00047	.00056	.00011	.00080

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (CE6069) (22 JAN 76)

REFERENCE DATA

SREF = 2590.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 196/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
	-.035	-.19070	-.22210	-.22340	-.22500	-.22250	-.22160	-.22210	-.21790	-.21760	-.21780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (CE6070) (22 JAN 76)

REFERENCE DATA

SREF = 2590.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 197/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
	-.092	-.05980	-.05460	-.07490	-.07750	-.08590	-.08190	-.09280	-.07270	-.07800	-.08970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
	-4.037	-.10870	-.11030	-.07330	-.11600	-.09940	-.11880	-.11770	-.08840	-.11620	-.10780
	-.103	-.07170	-.08900	-.09720	-.11000	-.10980	-.10760	-.11270	-.09540	-.10380	-.10850
	3.965	-.04160	-.07160	-.11400	-.11600	-.12740	-.12030	-.13130	-.11140	-.11760	-.12090
	GRADIENT	-.01071	.00186	-.00509	-.00001	-.00351	-.00021	-.00172	-.00289	-.00020	-.00165

RUN NO. 199/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
	.103	-.11760	-.11030	-.09810	-.12040	-.11930	-.11820	-.12530	-.10050	-.11580	-.11380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (CE6071) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 203/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.377	-.101	-.14510	-.17850	-.17360	-.17910	-.17890	-.17830	-.17910	-.17520	-.17520	-.17610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 204/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.568	-4.030	-.15890	-.19850	-.20220	-.19870	-.20[illegible]	-.19890	-.19890	-.19600	-.19600	-.19600
.600	-.110	-.15590	-.19660	-.20010	-.19890	-.19[illegible]	-.19700	-.19720	-.19310	-.19330	-.19330
.608	3.964	-.15850	-.19780	-.20130	-.19930	-.198[illegible]	-.19720	-.19830	-.19520	-.19640	-.19310
	GRADIENT	.00030	.00009	.00011	-.00008	.00039	.00021	.00007	.00010	-.00005	.00036

RUN NO. 205/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.477	-.107	-.15720	-.19920	-.20170	-.20020	-.20040	-.19880	-.19920	-.19420	-.19420	-.19470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (CE6072) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 200/ 0 RN/L = 3.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.407	-.101	-.02410	-.02390	-.04260	-.04460	-.05370	-.04960	-.05960	-.03950	-.04770	-.05670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 201/ 0 RN/L = 3.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.535	-4.[illegible]	-.04770	-.07280	-.04340	-.08120	-.06580	-.08570	-.07910	-.05080	-.08470	-.07380
.563	-.113	-.05880	-.07420	-.05910	-.08450	-.08310	-.08290	-.08660	-.06930	-.08140	-.08020
.57	3.[illegible]	-.05910	-.03980	-.09180	-.09510	-.09820	-.09590	-.10130	-.08400	-.08980	-.09470
	GRADIENT	-.00142	.00416	-.00625	-.00175	-.00405	-.00129	-.00278	-.00415	-.00065	-.00262

ARC97-044-1!A82B OTS(SRB=NOM MPS=NOM) (CE6072) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 202/ 0 RN/L = 3.37 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.403	-.104	-.07210	-.09390	-.08840	-.09950	-.09850	-.09760	-.10160	-.08350	-.09330	-.09440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1!A82B OTS(SRB=OFF MPS=OFF) (CE6073) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 206/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.951	-.156	-.27150	-.28250	-.28500	-.28660	-.28120	-.28460	-.28310	-.27540	-.27720	-.27300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 207/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
[illegible]	[illegible].082	[illegible].27530	-.29130	-.29230	-.29280	-.28530	-.28910	-.29110	-.28260	-.28420	-.28200
[illegible]	[illegible].104	[illegible].28070	-.28740	-.28610	-.28770	-.28090	-.28460	-.28140	-.27780	-.27910	-.27780
[illegible]	[illegible].106	[illegible].28400	-.28810	-.27870	-.28690	-.27840	-.28410	-.28040	-.27900	-.28060	-.27820
	GRADIENT	.00095	.00065	.00170	.00087	.00123	.00062	.00133	.00045	.00044	.00047

RUN NO. 208/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.332	-.131	-.28350	-.27930	-.27650	-.27930	-.26630	-.27480	-.26400	-.26710	-.27320	-.26920
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (CE6074) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 209/ 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.041	-.131	-.18460	-.19570	-.18810	-.21310	-.20690	-.21490	-.21950	-.20140	-.21040	-.21570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 210/ 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.039	-.082	-.19670	-.21500	-.18570	-.22880	-.21470	-.22690	-.23590	-.21160	-.22690	-.22410
.035	-.174	-.19570	-.20320	-.19570	-.22540	-.21840	-.22150	-.22690	-.20360	-.21550	-.21810
.018	.106	-.19270	-.19610	-.21020	-.22210	-.23040	-.22360	-.23530	-.20100	-.21330	-.22290
	GRADIENT	.00050	.00362	-.00295	.00084	-.00197	.00041	.00006	.00132	.00169	.00014

RUN NO. 211/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-.113	-.131	-.19530	-.20490	-.18200	-.22180	-.21270	-.21580	-.22200	-.20690	-.21490	-.21100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (CE6075) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 212/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP109	CP109	CP110	CP111
-3.039	-.083	-.17880	-.20640	-.20660	-.20590	-.20380	-.20490	-.20490	-.20070	-.20050	-.19980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 213/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-.036	-.134	-.18820	-.21900	-.22060	-.21920	-.21920	-.21790	-.21770	-.21420	-.21330	-.21600
.078	-.026	-.19600	-.21550	-.21590	-.21720	-.21400	-.21400	-.21430	-.21040	-.21150	-.21130
.096	.078	-.18680	-.21830	-.21880	-.21790	-.21500	-.21660	-.21660	-.21260	-.21500	-.21200
	GRADIENT	.00033	.00008	.00022	.00016	.00052	.00016	.00013	.00019	-.00022	.00050

ARC97-044-1:A82B OTS(SRB=OFF MPS=OFF) (CE6075) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1293.3000 IN. YMRP = .0000 IN. YT
BREF = 1293.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 214/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-.529	.037	-.19320	-.22050	-.22200	-.22270	-.22040	-.21940	-.21960	-.21490	-.21500	-.21500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1:A82B OTS(SRB=NOM MPS=NOM) (CE6076) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1293.3000 IN. YMRP = .0000 IN. YT
BREF = 1293.3000 IN. ZMRP = 400.0000 IN ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 215/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.532	-.037	-.05480	-.05090	-.07130	-.07300	-.08200	-.07800	-.08940	-.06950	-.07480	-.08640
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 216/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-.532	-4.031	-.10330	-.10360	-.08820	-.11100	-.09370	-.11390	-.11220	-.08220	-.11190	-.10230
3.51	-.126	-.10430	-.09230	-.09400	-.10660	-.10550	-.10390	-.10920	-.09140	-.10020	-.10520
6.5	3.967	-.08980	-.08940	-.11100	-.11360	-.12390	-.11840	-.12940	-.10740	-.11540	-.11930
	GRADIENT	-.00187	.00429	-.00535	-.00034	-.00379	-.00059	-.00217	-.00316	-.00046	-.00214

RUN NO. 217/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
2.451	-.037	-.09480	-.10800	-.09950	-.11820	-.11690	-.11600	-.12350	-.09670	-.11270	-.11230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (CE6077) (22 JAN 76)

REFERENCE DATA

SREF = 2580.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1210.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0.100

PARAMETRIC DATA

ELV-1B = 10.000 ELV-0B = .000
MACH = 2.200 PT = 30.700

RUN NO. 218/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-2.397	-.179	-.18780	-.18120	-.18320	-.18200	-.18160	-.18100	-.17990	-.17580	-.17580	-.17560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 219/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.878	-.026	-.19780	-.19610	-.19940	-.19690	-.19880	-.19670	-.19650	-.19400	-.19300	-.19400
.827	-.110	-.19840	-.19400	-.19770	-.19630	-.19570	-.19510	-.19480	-.19110	-.19220	-.19260
.831	.201	-.19460	-.19580	-.20020	-.19830	-.19770	-.19770	-.19810	-.19390	-.19520	-.19370
	GRADIENT	-.00009	.00003	-.00010	-.00018	.00013	-.00013	-.00020	.00001	-.00028	.00004

RUN NO. 220/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.781	-.078	-.19410	-.19870	-.20180	-.20060	-.20040	-.19830	-.19890	-.19560	-.19500	-.19480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (CE6078) (22 JAN 76)

REFERENCE DATA

SREF = 2580.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1210.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0.100

PARAMETRIC DATA

ELV-1B = 10.000 ELV-0B = .000
MACH = 2.200 PT = 30.700

RUN NO. 221/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-2.393	-.078	-.18020	-.02040	-.04920	-.04020	-.05620	-.04690	-.06000	-.03870	-.04480	-.05710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 222/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-.784	-.103	-.04270	-.07260	-.04210	-.08050	-.06510	-.08460	-.07780	-.04980	-.08360	-.07130
-.831	-.181	-.04340	-.08410	-.07020	-.07620	-.06910	-.08020	-.05260	-.06700	-.07370	
-.781	.055	-.03810	-.03760	-.09020	-.09250	-.09740	-.09450	-.09990	-.08110	-.08730	-.09250
	GRADIENT	-.00105	.00436	-.00603	-.00152	-.00405	-.00126	-.00278	-.00393	-.00048	-.00266

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (CE6078) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1230.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 223/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.997	-.188	-.27360	-.09260	-.08640	-.09840	-.09760	-.09610	-.10070	-.08100	-.09160	-.09280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (CE6079) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1230.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 224/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.865	-.147	-.28370	-.27880	-.27570	-.27700	-.27170	-.27600	-.27290	-.26650	-.26830	-.26450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 225 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
[illegible]	[illegible]	[illegible]	-.28020	-.28650	-.28690	-.28270	-.28220	-.28530	-.27650	-.27770	-.27670
[illegible]	[illegible]	[illegible]	-.27880	-.27580	-.27740	-.27980	-.27350	-.27120	-.26770	-.26920	-.26740
3.690	-.136	-.27760	-.27700	-.27200	-.27740	-.27020	-.27480	-.27050	-.26970	-.27110	-.26910
	GRADIENT	.00118	.00102	.00206	.00119	.00155	.00092	.00184	.00084	.00082	.00094

RUN NO. 226 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.849	-.144	-.28441	-.28850	-.28690	-.28940	-.28670	-.28500	-.28670	-.28890	-.28300	-.28030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (CE6080) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 227/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.905	-.144	-.18260	-.18130	-.18680	-.21210	-.20540	-.21550	-.22050	-.20100	-.20980	-.21500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 228/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.022	-4.088	-.19390	-.20990	-.18100	-.22610	-.21010	-.22360	-.23360	-.20920	-.22300	-.22180
.035	-.181	-.19100	-.19590	-.19140	-.22050	-.21410	-.21780	-.22350	-.20140	-.21210	-.21510
.016	3.697	-.18810	-.18090	-.20640	-.21640	-.22540	-.22010	-.23150	-.19630	-.20970	-.21980
	GRADIENT	.00073	.00353	-.00318	.00121	-.00192	.00043	.00025	.00161	.00166	.00024

RUN NO. 229/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.178	-.137	-.19270	-.20070	-.17860	-.21900	-.20840	-.21560	-.21980	-.20160	-.21470	-.20960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (CE6081) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 230/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.908	-.035	-.19140	-.20690	-.20700	-.20700	-.20590	-.20680	-.20530	-.20260	-.20260	-.20140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 231/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.077	-4.037	-.19140	-.21940	-.22130	-.22020	-.21940	-.21870	-.21890	-.21610	-.21590	-.21800
.061	-.179	-.19710	-.21550	-.21570	-.21700	-.21350	-.21440	-.21370	-.21060	-.21150	-.21100
.071	3.845	-.18280	-.21770	-.21870	-.21810	-.21480	-.21660	-.21720	-.21370	-.21550	-.21260
	GRADIENT	.00040	.00021	.00032	.00026	.00057	.00026	.00021	.00029	-.00007	.00067

TABULATED SOURCE DATA - IA82B

AR097-044-IIA82B OTS(SRB=OFF MPS=OFF) (CE6081) (22 JAN 76)

REFERENCE DATA

PARAMETRIC DATA

SREF = 4891.1100 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1176.2000 IN. YMRP = .0000 IN. YT
BREF = 1141.7000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 232/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.000	.00	-.16370	-.22020	-.22160	-.22260	-.22040	-.22000	-.21950	-.21630	-.21610	-.21600
	.00	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-IIA82B OTS(SRB=NOM MPS=NOM) (CE6082) (22 JAN 76)

REFERENCE DATA

PARAMETRIC DATA

SREF = 4891.1100 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1176.2000 IN. YMRP = .0000 IN. YT
BREF = 1141.7000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 233/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.830	.00	-.05540	-.05850	-.06340	-.07360	-.07930	-.07840	-.08930	-.07110	-.07550	-.08560
	.00	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 234/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.170	.00	-.07440	-.11930	-.09000	-.11150	-.09310	-.11360	-.11290	-.08190	-.11130	-.10240
4.170	.00	-.16370	-.21870	-.19500	-.10440	-.10550	-.10240	-.10970	-.09320	-.09980	-.10530
8.170	.00	-.26440	-.30840	-.31040	-.11800	-.12650	-.11850	-.12770	-.10820	-.11330	-.11770
	.00	-.00000	-.00000	-.00000	-.00008	-.00369	-.00061	-.00167	-.00330	-.00027	-.00192

RUN NO. 235/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
12.170	.00	-.36760	-.39370	-.41140	-.11880	-.11170	-.11180	-.12640	-.09370	-.10970	-.10960
	.00	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC3T-044-11A828 OTS(SRB=OFF MPS=OFF) (CE6083) (22 JAN 78)

REFERENCE DATA

SREF = 2691.0000 SQ.FT XMRP = 976.0000 IN. XT
LREF = 1760.3700 IN. YMRP = .0000 IN. YT
BREF = 1760.3700 IN. ZMRP = -100.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 236/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.377	-.785	-.14880	-.18120	-.18370	-.18220	-.18200	-.18120	-.18080	-.17750	-.17560	-.17620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 237/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-.761	-.033	-.15930	-.19830	-.20240	-.19950	-.20080	-.19910	-.19930	-.19720	-.19700	-.19740
.033	-.166	-.15660	-.19240	-.20050	-.19820	-.19860	-.19690	-.19680	-.19410	-.19350	-.19370
.814	2.912	-.15690	-.19850	-.20220	-.19930	-.19810	-.20020	-.19950	-.19770	-.19870	-.19690
	GRADIENT	.00030	-.00003	.00002	.00015	.00034	-.00014	-.00003	-.00007	-.00022	.00006

RUN NO. 238/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.280	-.092	-.15790	-.20040	-.20350	-.20240	-.20180	-.20020	-.20120	-.19680	-.19660	-.19580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC3T-044-11A828 OTS(SRB=NOM MPS=NOM) (CE6084) (22 JAN 78)

REFERENCE DATA

XREF = 2691.0000 SQ.FT XMRP = 976.0000 IN. XT
LREF = 1760.3700 IN. YMRP = .0000 IN. YT
BREF = 1760.3700 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 239/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.403	-.085	-.03000	-.02040	-.04640	-.04070	-.05630	-.04950	-.06010	-.03890	-.04650	-.05820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 240/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-.784	-.033	-.04980	-.07400	-.08310	-.08280	-.08760	-.08930	-.08170	-.05320	-.08900	-.07530
.033	-.166	-.04440	-.05110	-.06260	-.06380	-.07440	-.07000	-.07880	-.05170	-.06730	-.07340
.814	2.912	-.05660	-.03970	-.08640	-.09440	-.09870	-.09750	-.10100	-.08360	-.09040	-.09350
	GRADIENT	-.00097	.00428	-.00893	-.00149	-.00391	-.00111	-.00244	-.00384	-.00034	-.00230

ARC97-044-1(A82B OTS(SRB=NOM MPS=NOM) (CE6084) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 241[illegible] 0 RNYL = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.037	-.182	-.07080	-.08070	-.08410	.09550	-.09490	-.09360	-.09300	-.07950	-.09090	-.09130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1(A82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (CE6085) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 248[illegible] 0 RNYL = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.01	-.159	-.15670	-.15300	-.15670	-.19220	-.19080	-.22970	-.23460	-.21850	-.22250	-.22270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 249[illegible] 0 RNYL = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
[illegible]	[illegible]	[illegible]	-.17190	-.17190	-.21980	-.20550	-.24260	-.25300	-.23520	-.23880	-.23980
[illegible]	[illegible]	[illegible]	-.17570	-.16360	-.20040	-.19360	-.22870	-.23720	-.22340	-.22300	-.22500
4.040	-.3[illegible]	-.17330	-.16810	-.17470	-.20220	-.21880	-.23850	-.24220	-.21930	-.21930	-.23120
	GRADIENT	.00145	.00444	-.00291	.00211	-.00169	.00160	.00126	.00257	.00265	.00098

RUN NO. 250[illegible] 0 RNYL = 4.04 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.01[illegible]	-.1[illegible]	-.17[illegible]	-.18110	-.16[illegible]	-.21710	-.20370	-.24120	-.24490	-.22690	-.23700	-.23160
	GRADIENT	.00[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (CE6086) (22 JAN 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LMAC = 1196.7000 IN. YMRP = .0000 IN. YT
BMAC = 1830.8071 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.00

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 2420 0 RN/L = 3.62 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.000	5.000	-.07970	-.08190	-.08480	-.07840	-.08210	-.10290	-.11350	-.10320	-.10120	-.10400
	0.000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2437 0 RN/L = 3.63 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
1.000	-5.000	-.07980	-.08900	-.08910	-.11520	-.09210	-.12900	-.13430	-.10530	-.13170	-.12220
	-3.000	-.08410	-.07900	-.08420	-.10410	-.10340	-.12170	-.12960	-.11000	-.11970	-.12130
	0.000	-.08980	-.08930	-.10740	-.11110	-.12500	-.13640	-.13840	-.12570	-.13290	-.13440
	3.000	-.08100	.00195	-.00605	.00050	-.00413	-.00094	-.00052	-.00255	-.00017	-.00154

RUN NO. 2446 0 RN/L = 3.61 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
5.000	0.000	-.09400	-.08540	-.10630	-.10700	-.09840	-.12240	-.13030	-.10670	-.12300	-.11990
	0.000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (CE6087) (22 JAN 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LMAC = 1196.7000 IN. YMRP = .0000 IN. YT
BMAC = 1830.8071 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.00

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 2455 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.000	5.000	-.07980	-.08080	-.08740	-.04230	-.06650	-.06920	-.08250	-.05550	-.08470	-.07610
	0.000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2464 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
1.000	-5.000	-.07910	-.08660	-.08830	-.07470	-.10160	-.10490	-.07840	-.10430	-.09540
	-3.000	-.08420	-.08470	-.08360	-.08910	-.09830	-.07280	-.08740	-.08950
	0.000	-.08980	-.08980	-.09610	-.10390	-.11420	-.11600	-.09860	-.10620	-.11090
	3.000	-.08100	-.00546	-.00102	-.00368	-.00161	-.00129	-.00256	-.00027	-.00196

ARC97-044-11A82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (CE6087) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1031.8000 IN. YMRP = .0000 IN. YT
BREF = 1290.8100 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 247/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.000	.000	-.08710	-.09050	-.07670	-.09660	-.09390	-.10460	-.11020	-.09490	-.10340	-.10380
	GRADIENT	.01000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (CE6088) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1031.8000 IN. YMRP = .0000 IN. YT
BREF = 1290.8100 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 251/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.000	.000	-.19890	-.20770	-.19800	-.20680	-.20320	-.20660	-.21030	-.20620	-.20680	-.20860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 253/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.03	-4.088	-.20850	-.20980	-.20830	-.20630	-.20920	-.20750	-.21150	-.21140	-.21140	-.21080
.00	.000	-.21170	-.21370	-.20590	-.21150	-.20920	-.21150	-.21270	-.21380	-.21390	-.21210
4.040	4.100	-.22100	-.22780	-.21980	-.22600	-.22010	-.22700	-.22290	-.22330	-.22430	-.21880
	GRADIENT	-.00137	-.00145	-.00247	-.00137	-.00245	-.00143	-.00150	-.00162	-.00101	

RUN NO. 255/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.000	.000	-.20360	-.21080	-.20960	-.20310	-.21190	-.20780	-.21260	-.21160	-.21290	-.20930
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (CE6089) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1293.3000 IN. YMRP = .0000 IN. YT
BREF = 1293.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 254/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.01	-.099	-.07450	-.07840	-.09010	-.08200	-.09090	-.08080	-.09200	-.08260	-.08330	-.08920
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 255/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.810	-4.133	-.09190	-.10110	-.10030	-.09940	-.10420	-.10020	-.10590	-.10220	-.10180	-.10640
.805	-.103	-.09770	-.09530	-.09870	-.09190	-.09820	-.09560	-.10340	-.10220	-.10300	-.10280
.806	3.944	-.10350	-.11420	-.11360	-.11090	-.11460	-.11330	-.11490	-.11220	-.11110	-.10900
	GRADIENT	-.00147	-.00165	-.00168	-.00146	-.00132	-.00166	-.00114	-.00126	-.00117	-.00033

RUN NO. 256/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
[illegible]	-.084	-.09940	-.10770	-.11030	-.10420	-.11070	-.10520	-.11140	-.10980	-.10990	-.10900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (CE6090) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1293.3000 IN. YMRP = .0000 IN. YT
BREF = 1293.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 257/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.033	-.085	-.03530	-.04420	-.05850	-.05060	-.06020	-.04770	-.06060	-.04900	-.04960	-.05850
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 258/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.008	-4.030	-.06070	-.07430	-.06710	-.07450	-.07540	-.07450	-.07700	-.07200	-.07230	-.07740
.802	-.119	-.05690	-.06970	-.07370	-.06850	-.07470	-.06950	-.07620	-.07200	-.07180	-.07240
.804	3.982	-.07630	-.09190	-.09460	-.08960	-.09260	-.09050	-.09240	-.08740	-.08670	-.08380
	GRADIENT	-.00197	-.00223	-.00346	-.00191	-.00217	-.00203	-.00194	-.00194	-.00182	-.00082

ARC97-044-IIA82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (CE6090) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 250/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.032	-.085	-.07110	-.08540	-.08890	-.08210	-.08790	-.08350	-.08910	-.08710	-.08690	-.08520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+DRAG RING(SRB=OFF MPS=OFF) (CE6091) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 278/ 0 RN/L = 4.04 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	-.07	CP108	CP109	CP110	CP111
4.015	-.144	-.24480	-.25880	-.25720	-.26120	-.25510	-.25570	-.25520	-.24920	-.24970	-.24590
	GRADIENT	.00000	.00000	.00000	.00000	00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 279/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.039	-4.035	-.25890	-.27330	-.27400	-.27830	-.27190	-.26950	-.27260	-.26540	-.26460	-.26480
.049	-.171	-.24120	-.25830	-.25490	-.25940	-.24890	-.25370	-.24860	-.24700	-.24960	-.24730
.055	3.887	-.25150	-.26590	-.26400	-.26080	-.26140	-.26310	-.26170	-.26110	-.26230	-.25970
	GRADIENT	.00080	.00081	.00123	.00142	.00129	.00079	.00134	.00051	.00027	.00061

RUN NO. 280/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.035	-.137	-.24260	-.25800	-.25610	-.26080	-.24690	-.25460	-.24730	-.25030	-.25310	-.25140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=NOM MPS=NOM) (CE6092) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 281/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.082	.00	-.15+30	-.1+6+0	-.17080	-.17600	-.18770	-.19990	-.20810	-.17990	-.19140	-.20160
	GRADIENT	.01000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 282/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-.018	+4.085	-.17700	-.17780	-.17360	-.20240	-.19900	-.21520	-.22400	-.19890	-.21400	-.21240
-.010	-.171	-.17700	-.17330	-.17740	-.20000	-.19950	-.21460	-.21770	-.19610	-.21010	-.20920
.000	8.687	-.18000	-.18360	-.20260	-.21460	-.22340	-.23410	-.23580	-.21390	-.22240	-.22930
	GRADIENT	-.00197	-.00074	-.00365	-.00154	-.00308	-.00238	-.00150	-.00130	-.00107	-.00214

RUN NO. 283/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.000	-.165	-.17430	-.17310	-.16970	-.20220	-.19960	-.21280	-.21880	-.19060	-.20940	-.20510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (CE6093) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 284/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.104	.00	-.08780	-.01870	-.10340	-.06630	-.11840	-.14160	-.15870	-.11160	-.11280	-.14320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 285/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-.106	+4.186	-.08780	-.03310	-.13630	-.09140	-.14750	-.15310	-.17930	-.11880	-.13040	-.16370
-.099	-.171	-.09700	-.02700	-.12790	-.07990	-.13670	-.13920	-.16140	-.09700	-.11710	-.14880
.000	8.687	-.10760	-.03810	-.13570	-.12920	-.14460	-.17390	-.16860	-.13810	-.15380	-.16070
	GRADIENT	-.00313	-.00367	.00384	-.00478	.00035	-.00264	.00132	-.00247	-.00297	.00035

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-1IA82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (CE6093) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 296/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.008	-.159	-.04680	-.02270	-.09620	-.08470	-.12310	-.13590	-.15830	-.10160	-.11560	-.14110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+DRAG RING(SRB=OFF MPS=OFF) (CE6094) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 269/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.987	-.094	-.17150	-.19550	-.19440	-.19700	-.19390	-.19440	-.19410	-.19070	-.19040	-.18980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.000	-.088	-.21840	-.21560	-.21780	-.21930	-.21600	-.21490	-.21540	-.21280	-.21210	-.21340
-3.993	-.078	-.21940	-.21580	-.21800	-.20860	-.20570	-.20530	-.20510	-.20270	-.20330	-.20260
-3.994	-.068	-.21940	-.21580	-.21810	-.21410	-.21060	-.21230	-.21230	-.21060	-.21100	-.20990
	GRADIENT	.00019	.00039	.00050	.00054	.00066	.00031	.00037	.00026	.00012	.00042

RUN NO. 271 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-4.009	-.098	-.21930	-.21080	-.21230	-.21410	-.21030	-.20900	-.20990	-.20720	-.20750	-.20700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

APC97-044-11A82B OTS+DRAG RING(SRB=NOM MPS=NOM) (CE6095) (22 JAN 76)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1291.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0.10

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 272/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-2.62*	-4.04	-.05300	-.04160	-.09730	-.06940	-.09930	-.08830	-.10450	-.07660	-.08480	-.10010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 273/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.07	-4.033	-.07930	-.09140	-.07630	-.10590	-.09950	-.11010	-.11430	-.08310	-.10910	-.10530
.724	-2.163	.06540	-.06210	-.09000	-.08390	-.09810	-.09680	-.10520	-.07550	-.09200	-.09900
2.07	0.708	-.07830	-.07580	-.11680	-.11000	-.12050	-.12160	-.12340	-.10640	-.10880	-.12180
	GRADIENT	-.01040	.00181	-.00509	-.00055	-.00265	-.00147	-.00116	-.00295	-.00011	-.00209

RUN NO. 274/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.76*	-.032	-.07880	-.08640	-.08340	-.10070	-.10220	-.10590	-.11290	-.08400	-.10270	-.10290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

APC97-044-11A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (CE6096) (22 JAN 76)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1291.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0.10

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 275/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-2.62*	-.095	.05830	.07470	.04920	.03400	.01730	-.01920	-.02950	-.00880	-.00450	-.01630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 276/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.07	-4.073	.10910	.09290	-.00060	.01960	-.03410	-.04810	-.06740	-.03300	-.03580	-.05910
.724	-2.123	.05230	.07530	.02790	.03190	-.00100	-.02470	-.03940	-.01280	-.01150	-.03110
2.07	0.945	.03520	.04890	.01710	-.01350	-.00880	-.05100	-.05890	-.04160	-.04460	-.04990
	GRADIENT	-.00024	-.00054	.00219	-.00420	.00314	-.00040	.00103	-.00112	-.00115	.00111

ARC97-044-11A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (CE6096) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 277/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.478	-.089	.05230	.08110	.02080	.02430	-.00720	-.02940	-.04090	-.00430	-.01200	-.02970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (CE6097) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 260/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.350	-.080	-.13740	-.17330	-.17450	-.17430	-.17290	-.17390	-.17350	-.17180	-.17080	-.17020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 261/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.350	-.080	-.15270	-.19300	-.19740	-.19720	-.19510	-.19430	-.19390	-.19260	-.19200	-.19240
-1.318	-.111	-.14980	-.18760	-.19140	-.19050	-.19050	-.18990	-.19080	-.18830	-.18720	-.18760
4.478	-.089	-.16140	-.19240	-.19590	-.19530	-.19340	-.19340	-.19360	-.19140	-.19200	-.19200
	GRADIENT	.00016	.00007	.00018	.00023	.00021	.00010	.00003	.00014	-.00001	.00004

RUN NO. 262/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.478	-.089	-.15740	-.19180	-.19590	-.19530	-.19360	-.19180	-.19360	-.19070	-.19110	-.19070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+DRAG RING(SRB=NOM MPS=NOM) (CE6098) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1230.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 263/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.417	-.185	-.03400	-.02200	-.07260	-.04640	-.07350	-.06460	-.07640	-.05760	-.06400	-.07450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
.529	-4.026	-.03910	-.05240	-.05530	-.05980	-.07250	-.07720	-.08030	-.04990	-.07680	-.07370
.540	-.116	-.03640	-.03840	-.06970	-.06140	-.07470	-.07120	-.08090	-.05230	-.06790	-.07470
.552	3.952	-.03040	-.04190	-.08760	-.08830	-.09070	-.09550	-.09320	-.08450	-.08580	-.09320
	GRADIENT	-.00143	.00130	-.00405	-.00235	-.00229	-.00232	-.00163	-.00436	-.00112	-.00246

RUN NO. 265/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.437	-.082	-.03790	-.05700	-.06260	-.07080	-.07310	-.07640	-.08050	-.06190	-.07500	-.07580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (CE6099) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1230.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 266/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.417	-.092	.08500	.09620	.07900	.05540	.04630	.03840	.00260	.01670	.02160	.01460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
-3.4[illegible]	-4.[illegible]	.05600	.07880	.02560	.03590	-.00410	-.02810	-.03560	-.00120	-.01650	-.02830
-.4[illegible]	-.[illegible]	.07590	.09600	.04960	.05200	.02240	-.00590	-.01770	.00410	.00450	-.00830
-.4[illegible]	3.[illegible]	.04710	.07430	.02870	.01690	.00530	-.02730	-.03790	-.02000	-.02000	-.02810
	GRADIENT	-.00103	-.00060	.00135	-.00242	.00114	.00006	-.00032	-.00238	-.00048	-.00001

ARC97-044-IIA82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (CE6099) (22 JAN 76)

REFERENCE DATA

SREF = 2630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1230.3000 IN. YMRP = .0000 IN. YT
BREF = 1280.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 268/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP101	CP102	CP103	CP104	CP105	CP107	CP108	CP109	CP110	CP111
4.087	-.082	.07410	.10180	.03700	.04320	.01480	-.00990	-.01800	.00790	.00130	-.00950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=OFF MPS=OFF) (DE6001) (22 JAN 76)

REFERENCE DATA

SREF = 2630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1230.3000 IN. YMRP = .0000 IN. YT
BREF = 1280.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 1/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.871	-.150	-.25020	-.24470	-.26070	-.25720	-.25010	-.25930	-.23600	-.26670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.082	-4.091	-.26370	-.25690	-.27250	-.25250	-.25850	-.26930	-.23460	-.23810
.086	-.171	-.24770	-.24690	-.26650	-.25420	-.24950	-.25220	-.23040	-.26690
.089	3.809	-.26370	-.25110	-.26270	-.25810	-.24850	-.24150	-.24450	-.28270
	GRADIENT	-.00031	.00070	.00122	-.00073	.00124	.00347	-.00125	-.00184

RUN NO. 3/ 0 RN/L = 4.07 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.044	-.044	-.24900	-.24340	-.25440	-.24880	-.24150	-.23910	-.21780	-.26900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM- MPS=NOM) (DE6002) (22 JAN 76)

REFERENCE DATA

SREF = 8691.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 233.3333 IN. YMRP = .0000 IN. YT
BREF = 401.8700 IN. ZMRP = 400.0000 IN. ZT
SCALE = .100

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 1.550 PT = 30.700

RUN NO. 13/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.995	-.144	-.21910	-.21280	-.22620	-.22880	-.22890	-.24430	-.24340	-.23620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 14/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.919	-4.091	-.23260	-.22290	-.24310	-.23970	-.24820	-.26480	-.25830	-.25080
-3.998	-.181	-.22430	-.21320	-.23180	-.23230	-.23500	-.24770	-.24670	-.24780
-4.019	3.937	-.22360	-.22310	-.23570	-.24140	-.23740	-.25290	-.25490	-.25180
	GRADIENT	.00112	-.00004	.00091	-.00023	.00134	.00147	.00041	-.00013

RUN NO. 15/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-4.016	-.140	-.22850	-.21700	-.23410	-.23640	-.23590	-.24260	-.24570	-.25140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (DE6003) (22 JAN 76)

REFERENCE DATA

SREF = 8691.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 233.3333 IN. YMRP = .0000 IN. YT
BREF = 401.8700 IN. ZMRP = 400.0000 IN. ZT
SCALE = .100

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 1.550 PT = 30.700

RUN NO. 4/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.995	-.144	-.19300	-.19750	-.20750	-.20970	-.20810	-.22500	-.22400	-.21490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 5/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.919	-4.098	-.21380	-.21100	-.22640	-.22360	-.23040	-.24310	-.24560	-.23050
-3.998	-.181	-.20040	-.19850	-.21100	-.21330	-.21450	-.22700	-.22770	-.21560
-4.019	3.900	-.20090	-.20570	-.21560	-.22450	-.21900	-.23970	-.23530	-.22650
	GRADIENT	.00161	.00065	.00133	-.00013	.00141	.00040	.00127	.00048

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM) (DE6003) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 6/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.145	-.140	-.20710	-.19710	-.21160	-.21690	-.21750	-.22510	-.23100	-.22670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM+ MPS=NOM) (DE6004) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 7/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-0.040	-.144	-.18060	-.16940	-.18030	-.18780	-.18900	-.20380	-.20320	-.16590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 8/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-.042	-.139	-.19540	-.19370	-.20290	-.20120	-.21360	-.21890	-.23130	-.20120
-.015	-.139	-.18590	-.17330	-.18420	-.19450	-.19480	-.20720	-.20970	-.18550
-.039	-.144	-.18860	-.17980	-.18870	-.19980	-.19510	-.22200	-.21110	-.18830
	GRADIENT	.00208	.00184	.00176	.00017	.00230	-.00041	.00251	.00160

RUN NO. 9/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.128	-.140	-.17140	-.17420	-.18160	-.18820	-.19470	-.20530	-.20930	-.16520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA828 OTS+RAKES(SRB=NOM++ MPS=NOM) (DES005) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 10/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.998	-.144	-.11580	-.13290	-.13650	-.14300	-.15640	-.17660	-.17700	-.11900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 11/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-.049	-4.088	-.13580	-.15200	-.15830	-.16420	-.18360	-.18450	-.20880	-.14830
-.032	-.181	-.12120	-.13390	-.13890	-.15200	-.16250	-.17910	-.18080	-.12290
-.042	3.897	-.12070	-.14010	-.14650	-.16340	-.16190	-.19750	-.17370	-.13890
	GRADIENT	.00188	.00147	.00145	.00008	.00271	-.00165	.00438	.00114

RUN NO. 12/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.112	-.140	-.12420	-.13360	-.13680	-.15060	-.16160	-.17740	-.18190	-.12820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA828 OTS+RAKES(SRB=VARY MPS=NOM) (DES006) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.00

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 1.550
PT = 30.700

RUN NO. 70/ 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SREF/SR	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.089	117.290	-.21810	-.21140	-.22770	-.22850	-.22790	-.23890	-.24070	-.23570
.029	129.540	-.21010	-.20560	-.21880	-.22160	-.22200	-.23390	-.23460	-.22700
.093	155.910	-.18220	-.19370	-.20660	-.20970	-.21240	-.22450	-.22570	-.21130
.019	186.370	-.17960	-.18460	-.19760	-.20530	-.20420	-.21630	-.21930	-.20960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-I IA82B OTS+RAKES(SRB=NOM MPS=NOM-) (DE6007) (22 JAN 76)

REFERENCE DATA

SREF = 2800.0100 SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = [illegible]

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 66/ 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	-.150	-.22080	-.22950	-.23600	-.24250	-.24150	-.26480	-.26140	-.24220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 67/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.015	-4.101	-.24370	-.23530	-.25220	-.24970	-.26000	-.28530	-.27870	-.25920
.015	-.134	-.22910	-.22770	-.24090	-.24560	-.24420	-.26330	-.26390	-.24620
.012	3.803	-.22760	-.23360	-.24530	-.25310	-.24630	-.27220	-.27450	-.25420
	GRADIENT	.00200	.00017	.00085	-.00043	.00170	.00173	.00050	.00061

RUN NO. 68/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	-.147	-.24110	-.22810	-.24270	-.24980	-.24940	-.26240	-.26570	-.25950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-I IA82B OTS+RAKES(SRB=NOM MPS=NOM+) (DE6008) (22 JAN 76)

REFERENCE DATA

[illegible] SQ.FT. XMRP = 976.0000 IN. XT
[illegible] IN. YMRP = .0000 IN. YT
[illegible] IN. ZMRP = 400.0000 IN. ZT
[illegible]

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 16/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.095	[illegible]	-.17130	-.17880	-.18900	-.18770	-.18830	-.19760	-.19840	-.19700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 17/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	-4.091	-.19120	-.18960	-.20550	-.19990	-.20940	-.20950	-.22250	-.20660
[illegible]	-.181	-.17670	-.17710	-.19880	-.18910	-.19300	-.19880	-.20080	-.19300
[illegible]	3.887	-.17670	-.18200	-.19290	-.20020	-.19540	-.21400	-.20700	-.20090
	GRADIENT	.00181	.00131	.00156	-.00006	.00174	-.00057	.00192	.00069

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (DES00B) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1990.3000 IN. YMRP = .0000 IN. YT
BREF = 1231.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 18/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-2.00	-.140	-.17910	-.17380	-.18560	-.18730	-.19260	-.19540	-.20070	-.19450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (DE600B) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1990.3000 IN. YMRP = .0000 IN. YT
BREF = 1231.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 1.550
PT = 30.700

RUN NO. 63/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MRSCPR	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-2.00	207.830	-.22070	-.21670	-.23040	-.23440	-.23610	-.24940	-.25350	-.23920
-2.00	881.870	-.20680	-.20570	-.21880	-.22020	-.22340	-.23570	-.23980	-.22530
-2.00	203.160	-.19170	-.19120	-.20290	-.20420	-.20650	-.21470	-.21830	-.20580
-2.00	200.780	-.18450	-.18560	-.19670	-.19690	-.20020	-.20690	-.20980	-.20060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (DE601B) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1990.3000 IN. YMRP = .0000 IN. YT
BREF = 1231.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 19/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-2.00	-.030	-.18810	-.18100	-.19750	-.18340	-.16050	-.19930	-.19370	-.19230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=OFF MPS=OFF) (DE6010) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = 30

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 20/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	-4.043	-.20350	-.20360	-.21460	-.19310	-.18560	-.22460	-.20830	-.20870
.387	-.135	-.19800	-.19570	-.20700	-.19650	-.17260	-.20710	-.20410	-.20080
.374	3.945	-.20070	-.19760	-.20980	-.20350	-.16410	-.20040	-.21500	-.21100
	GRADIENT	.00034	.00074	.00059	-.00131	.00269	.00302	-.00085	-.00030

RUN NO. 21/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.540	-.095	-.20390	-.20280	-.21690	-.20570	-.17880	-.21040	-.20880	-.20950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM- MPS=NOM) (DE6011) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = [illegible]

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 55/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.627	-.095	-.10570	-.10920	-.11830	-.11270	-.11070	-.12160	-.12620	-.12220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 56/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.329	-4.046	-.13000	-.11620	-.14640	-.13170	-.12530	-.13940	-.14180	-.14070
.386	-.132	-.11510	-.10990	-.11810	-.12050	-.11400	-.12560	-.12730	-.13000
313	3.952	-.12890	-.13000	-.14130	-.13700	-.12680	-.14480	-.14490	-.14880
	GRADIENT	.00011	-.00181	.00059	-.00069	-.00021	-.00070	-.00042	-.00104

RUN NO. 57/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.463	-.095	-.12520	-.11590	-.13100	-.13360	-.12440	-.13720	-.13810	-.14550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (DE6012) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 46/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.894	-.095	-.08250	-.08900	-.09420	-.09030	-.09230	-.10070	-.10620	-.09140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 47/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.337	-4.049	-.10250	-.09210	-.11440	-.10810	-.11040	-.11720	-.12550	-.11370
.383	-.133	-.08660	-.08810	-.09470	-.09600	-.09580	-.10510	-.10750	-.10040
.333	3.982	-.10380	-.11070	-.11940	-.11860	-.10960	-.12950	-.12490	-.12470
	GRADIENT	-.00019	-.00235	-.00066	-.00134	.00008	-.00157	.00004	-.00141

RUN NO. 48/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.893	-.092	-.09530	-.08790	-.10010	-.10380	-.10040	-.10850	-.11350	-.11160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (DE6013) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 49/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.894	-.095	-.05150	-.05060	-.06110	-.06260	-.06600	-.08070	-.08280	-.05330
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 50/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.337	-4.049	-.07010	-.06990	-.08010	-.08180	-.08840	-.08990	-.10690	-.08160
.383	-.133	-.06320	-.06920	-.07340	-.07660	-.07790	-.09020	-.09170	-.07290
.333	3.949	-.07160	-.08300	-.09060	-.09320	-.08450	-.10920	-.09720	-.09170
	GRADIENT	-.00020	-.00165	-.00133	-.00144	.00047	-.00243	.00120	-.00129

ARC97-044-IIA82B OTS+RAKES(SRB=NOM+ MPS=NOM) (DE6013) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 51/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.459	-.085	-.05510	-.06230	-.07000	-.07760	-.07860	-.08780	-.09220	-.07390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM++ MPS=NOM) (DE6014) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 52/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.727	-.095	-.00510	-.01360	-.00880	-.02140	-.02450	-.05080	-.05390	-.00200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 53/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.310	-4.046	-.01930	-.02340	-.02520	-.04130	-.04320	-.05670	-.07570	-.01780
.333	-.172	-.01150	-.02780	-.02280	-.03220	-.03810	-.05920	-.05930	.00110
.330	3.849	-.03710	-.04030	-.04190	-.05600	-.04670	-.08240	-.06330	-.05670
	GRADIENT	-.00226	-.00212	-.00211	-.00187	-.00045	-.00323	.00153	-.00493

RUN NO. 54/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.509	-.085	-.01370	-.02340	-.02280	-.03300	-.03740	-.05280	-.05950	-.01650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=VARY MPS=NOM) (DE6015) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.000
PT = 30.700

RUN NO. 65/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SRBCPR	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.306	282.360	-.10430	-.10140	-.10840	-.11080	-.10510	-.11740	-.11810	-.11870
.306	283.320	-.09730	-.09820	-.10430	-.10500	-.10090	-.11240	-.11420	-.11220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM-) (DE6016) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 61/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.641	-.095	-.10650	-.10580	-.11000	-.10930	-.10510	-.12420	-.12620	-.11310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 62/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.305	-4.046	-.12330	-.10950	-.13650	-.12540	-.12670	-.13930	-.14670	-.13280
.319	-.135	-.12050	-.11860	-.12300	-.12600	-.12050	-.13420	-.13620	-.12970
.310	3.952	-.12300	-.13150	-.13760	-.13900	-.12400	-.14850	-.14870	-.14850
	GRADIENT	.00003	-.00275	-.00016	-.00171	.00033	-.00117	-.00027	-.00198

RUN NO. 63/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
+.409	-.099	-.11650	-.10550	-.12000	-.12400	-.11990	-.13380	-.13940	-.13700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (DE6017) (22 JAN 76)

REFERENCE DATA

SREF = 2690.3000 SQ.FT. XMRP = 976.0000 IN. XT
CREF = 1091.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 58/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.597	-.108	-.05890	-.06000	-.06520	-.06720	-.06080	-.06910	-.06930	-.06380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 59/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.396	-4.046	-.08140	-.06850	-.08480	-.08350	-.07800	-.08310	-.09580	-.08480
.813	-.132	-.06460	-.06090	-.06930	-.07350	-.06600	-.07470	-.07660	-.07430
.810	3.984	-.07260	-.08020	-.08940	-.08520	-.07900	-.09420	-.08350	-.08530
	GRADIENT	.00108	-.00149	-.00061	-.00023	-.00015	-.00141	.00127	-.00038

RUN NO. 60/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
+.493	-.095	-.06570	-.06050	-.07030	-.07590	-.07130	-.07810	-.08130	-.07460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (DE6018) (22 JAN 76)

REFERENCE DATA

SREF = 2690.3000 SQ.FT. XMRP = 976.0000 IN. XT
CREF = 1091.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.000
PT = 30.700

RUN NO. 64/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MPSOFR	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
3[illegible]	388.100	-.09820	-.09950	-.10510	-.10700	-.10360	-.11730	-.12030	-.11160
3[illegible]	+31.630	-.09140	-.09260	-.09960	-.10090	-.09940	-.11120	-.11450	-.10680
.[illegible]	818.070	-.07390	-.07710	-.08510	-.08600	-.08340	-.09140	-.09450	-.08920
.[illegible]	735.140	-.06720	-.06800	-.07330	-.07590	-.07220	-.07990	-.08300	-.08000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (DE6019) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 22/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.373	-.089	-.16760	-.16510	-.17680	-.16320	-.12530	-.17830	-.17780	-.17260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 23/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.591	-4.035	-.18870	-.18870	-.19590	-.17160	-.14700	-.19830	-.19310	-.19120
.839	-.186	-.18350	-.18180	-.18950	-.17950	-.13950	-.19540	-.19370	-.18760
.085	3.662	-.18730	-.18540	-.19530	-.18860	-.13120	-.18180	-.19800	-.18950
	GRADIENT	.00017	.00040	.00006	-.00213	.00198	.00207	-.00062	.00021

RUN NO. 24/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.757	-.089	-.18110	-.17960	-.18630	-.17940	-.13730	-.19270	-.19230	-.18630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM- MPS=NOM) (DE6020) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 34/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.410	-.092	-.07620	-.07480	-.08470	-.08170	-.06460	-.08480	-.08180	-.08670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 35/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.528	-4.045	-.09690	-.07910	-.10590	-.10240	-.08380	-.10370	-.10540	-.09950
.547	-.132	-.09020	-.07610	-.08850	-.09350	-.07520	-.09640	-.09430	-.10260
.521	3.958	-.10130	-.10480	-.11490	-.10900	-.09390	-.11390	-.10930	-.11620
	GRADIENT	-.00057	-.00324	-.00115	-.00085	-.00129	-.00130	-.00051	-.00210

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-1IA82B OTS+RAKES(SRB=NOM- MPS=NOM) (DE6020) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 36/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

	ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
	4.637	-.088	-.09600	-.09070	-.09660	-.10250	-.08200	-.10310	-.10180	-.10850
		GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=NOM MPS=NOM) (DE6021) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 25/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.413	-.089	-.04710	-.05400	-.05840	-.05780	-.04940	-.06270	-.06650	-.05150
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 26/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.548	-.086	-.07710	-.08870	-.07600	-.07830	-.06470	-.08270	-.08970	-.07410
.550	-.089	-.07180	-.08260	-.08830	-.07200	-.06130	-.07680	-.08050	-.07870
.528	-.089	-.07930	-.08880	-.09040	-.09120	-.07450	-.09980	-.08890	-.09890
	GRADIENT	-.00380	-.00341	-.00183	-.00164	-.00124	-.00217	.00008	-.00312

RUN NO. 27/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.043	-.089	-.08980	-.07130	-.07650	-.07840	-.06550	-.08380	-.08570	-.08490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (DE6022) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 28/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
3.410	-.099	-.00510	-.01490	-.01400	-.01970	-.01730	-.03420	-.03800	-.00440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 29/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.529	-4.076	-.02140	-.01870	-.02720	-.03640	-.03250	-.04320	-.05770	-.02550
.547	- 100	-.03930	-.04550	-.04790	-.04790	-.04410	-.05710	-.05980	-.04430
.551	3.943	-.04260	-.05220	-.05570	-.06180	-.04830	-.07390	-.05990	-.06050
	GRADIENT	-.00264	-.00418	-.00356	-.00318	-.00197	-.00385	-.00027	-.00438

RUN NO. 30/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.647	-.099	-.04380	-.04550	-.04860	-.05090	-.04440	-.05700	-.06160	-.05070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (DE6023) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 31/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
3.413	-.100	.02000	.01180	.01810	.00560	.00990	-.01450	-.01910	.02740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 32/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	-4.098	-.00910	-.00640	-.01140	-.02510	-.01660	-.03190	-.04680	-.01200
[illegible]	- [illegible]	-.01240	-.01170	-.01530	-.01200	-.01780	-.03070	-.03450	-.00380
[illegible]	3.[illegible]	-.02460	-.02930	-.03930	-.03770	-.02350	-.05420	-.04210	-.04060
	GRADIENT	-.00194	-.00274	-.00225	-.00161	-.00087	-.00281	.00057	-.00362

ARC97-044--IIA82B OTS+RAKES(SRB=NOM++ MPS=NOM) (DE6023) (22 JAN 76)

REFERENCE DATA

SREF = 8691.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1280.3000 IN. YMRP = .0000 IN. YT
BREF = 1090.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 33/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.000	-.098	-.00930	-.01650	-.01720	-.01970	-.01480	-.03210	-.03620	-.01270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044--IIA82B OTS+RAKES(SRB=VARY MPS=NOM) (DE6024) (22 JAN 76)

REFERENCE DATA

SREF = 8691.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1280.3000 IN. YMRP = .0000 IN. YT
BREF = 1090.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.200
PT = 30.700

RUN NO. 45/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SRBSER	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	[illegible]	-.08100	-.07490	-.08250	-.08730	-.07170	-.08910	-.08910	-.09330
[illegible]	[illegible]	-.07080	-.06940	-.07570	-.07990	-.06730	-.08170	-.08400	-.08320
[illegible]	[illegible]	-.05140	-.05570	-.06130	-.06310	-.05650	-.06960	-.07360	-.05960
[illegible]	[illegible]	-.03010	-.03990	-.04260	-.04760	-.04330	-.05800	-.06110	-.03830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044--IIA82B OTS+RAKES(SRB=NOM MPS=NOM+) (DE6025) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 49/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-5.000	-.098	-.07160	-.07530	-.08140	-.07910	-.07080	-.09110	-.09480	-.07900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM-) (DE6025) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 41/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-4.1	-4.042	-.09730	-.08580	-.10840	-.10510	-.09190	-.11050	-.11850	-.10490
-4.	-.155	-.09710	-.08300	-.09260	-.09490	-.08130	-.10260	-.10690	-.10080
-4.	3.956	-.10460	-.11090	-.11470	-.11760	-.09470	-.12560	-.12140	-.12430
	GRADIENT	-.00094	-.00315	-.00082	-.00159	-.00037	-.00191	-.00039	-.00245

RUN NO. 42/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-4.03	-.048	-.09330	-.08260	-.10100	-.10290	-.08990	-.11060	-.11520	-.11410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (DE6026) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 37/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.997	-.038	-.03410	-.03590	-.04070	-.04300	-.03310	-.04410	-.04450	-.03830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 38/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.018	-4.042	-.05870	-.04950	-.06100	-.06140	-.05220	-.06290	-.07100	-.06430
.023	-.100	-.04920	-.04800	-.05020	-.05480	-.04190	-.05610	-.05840	-.05780
.014	3.955	-.06190	-.05780	-.07620	-.07240	-.05960	-.07920	-.06520	-.07780
	GRADIENT	-.00042	-.00231	-.00193	-.00140	-.00095	-.00205	.00071	-.00171

RUN NO. 39/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-4.037	-.092	-.05730	-.05770	-.06170	-.06440	-.05340	-.06640	-.05720	-.06700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

APC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (DE6027) (22 JAN 76)

REFERENCE DATA

SREF = 8680.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1920.3000 IN. YMRP = .0000 IN. YT
BREF = 1891.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.200
PT = 30.700

RUN NO. 437 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MPS_PR	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	821.400	-.07650	-.07880	-.08480	-.08650	-.07710	-.09380	-.09710	-.09130
[illegible]	808.820	-.06790	-.07080	-.07710	-.07810	-.07080	-.08460	-.08790	-.08170
[illegible]	771.720	-.05760	-.05330	-.06080	-.06670	-.05300	-.06720	-.06970	-.06640
[illegible]	1104.000	-.05130	-.04800	-.05360	-.05910	-.04640	-.05980	-.06080	-.05850
GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

APC97-044-11A82B OTS(SRB=OFF MPS=OFF) (DE6028) (22 JAN 76)

REFERENCE DATA

SREF = 8680.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1920.3000 IN YMRP = .0000 IN. YT
BREF = 1891.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 113/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	-.150	-.24870	-.24830	-.25920	-.25990	-.25120	-.25740	-.23500	-.24780
GRADIENT		.00010	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 114/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	[illegible]	-.26980	-.26480	-.28150	-.26420	-.26970	-.28090	-.24040	-.26420
[illegible]	[illegible]	-.25660	-.25890	-.27440	-.26300	-.26370	-.26510	-.23530	-.26650
[illegible]	[illegible]	-.25140	-.25140	-.26410	-.25620	-.25240	-.25350	-.23330	-.25500
[illegible]	[illegible]	-.25970	-.25600	-.25940	-.26340	-.25600	-.25600	-.23880	-.27350
[illegible]	[illegible]	-.25850	-.25260	-.25950	-.25930	-.25240	-.24690	-.24660	-.27560
GRADIENT		.00068	.00136	.00294	.00046	.00200	.00384	-.00101	-.00141

RUN NO. 115/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP1[illegible]	CP122	CP123	CP124	CP131
[illegible]	[illegible]	-.24310	-.24240	-.24730	-.25050	-.24840	-.24120	-.22120	-.26030
GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM- MPS=NOM) (DE6029) (22 JAN 76)

REFERENCE DATA

SREF = 8690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = .235 .0000 IN. YMRP = .0000 IN. YT
BREF = 1200.0000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = .550 PT = 30.700

RUN NO. 1197 0 RNYL = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-2.932	-.150	-.21730	-.22020	-.21960	-.22890	-.22990	-.23940	-.23890	-.22490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1207 0 RNYL = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.049	-4.098	-.23060	-.22920	-.23410	-.23790	-.24810	-.26070	-.25790	-.23070
-3.018	-.102	-.22830	-.22940	-.22740	-.23670	-.23760	-.24570	-.24740	-.24090
-3.049	3.906	-.22610	-.22280	-.23290	-.24460	-.23620	-.25420	-.25230	-.24920
	GRADIENT	-.00156	.00081	.00014	-.00085	.00148	.00079	.00069	-.00231

RUN NO. 1217 0 RNYL = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.035	-.104	-.23090	-.22310	-.22800	-.23670	-.23840	-.24350	-.24600	-.24150
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM MPS=NOM) (DE6030) (22 JAN 76)

REFERENCE DATA

SREF = 8690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = .235 .0000 IN. YMRP = .0000 IN. YT
BREF = 1200.0000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 1.550 PT = 30.700

RUN NO. 1167 0 RNYL = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-2.974	-.147	-.19110	-.19910	-.19850	-.21340	-.21390	-.22620	-.22400	-.20570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM MPS=NOM) (CE6030) (22 JAN 78)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1390.3000 IN. YMRP = .0000 IN. YT
BREF = 1390.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0170

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.560 PT = 30.700

RUN NO. 117/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-.198	+4.085	-.20820	-.21380	-.21360	-.21890	-.23130	-.23540	-.24270	-.20590
.016	+2.114	-.20100	-.20190	-.20160	-.20930	-.21960	-.22160	-.23020	-.20350
-.098	+.171	-.19700	-.20420	-.19870	-.21020	-.21360	-.22330	-.22470	-.20720
-.196	-1.887	-.19200	-.19630	-.20050	-.21750	-.21820	-.22760	-.22500	-.22150
-.000	3.903	-.19700	-.19870	-.20590	-.22330	-.21430	-.23600	-.22930	-.22070
	GRADIENT	.00185	.00168	.00081	-.00086	.00206	-.00038	.00153	-.00199

RUN NO. 118/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.198	-.147	-.20290	-.20830	-.20390	-.21620	-.22070	-.22630	-.22640	-.21750
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A92B OTS(SRB=NOM+ MPS=NOM) (CE6031) (22 JAN 78)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1390.3000 IN. YMRP = .0000 IN. YT
BREF = 1390.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0170

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.560 PT = 30.700

RUN NO. 124/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
+4.038	-.168	-.16630	-.17710	-.17270	-.19480	-.18980	-.20240	-.20230	-.16770
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 163/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	-.147	-.16600	-.17710	-.17430	-.19540	-.19210	-.20560	-.20460	-.17070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM++ MPS=NOM) (DEC032) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1784.8100 IN. YMRP = .0000 IN. YT
BREF = 1490.3100 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.0000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.680 PT = 30.700

RUN NO. 123/ 0 RNVL = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-4.00	-4.005	-.13080	-.13500	-.13730	-.19650	-.21190	-.21120	-.22530	-.18110
-2.00	-2.001	-.13400	-.13680	-.13810	-.19850	-.19700	-.20450	-.20320	-.17410
-.00	.003	-.13780	-.13530	-.13910	-.19890	-.19811	-.21080	-.20000	-.18810
GRADIENT		.00167	.00212	.00101	-.00032	.00245	-.00088	.00215	-.00162

ARC97-044-11A82B OTS(SRB=NOM++ MPS=NOM) (DEC032) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1784.8100 IN. YMRP = .0000 IN. YT
BREF = 1490.3100 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.0000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.680 PT = 30.700

RUN NO. 125/ 0 RNVL = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-4.000	-4.005	-.13080	-.13380	-.13050	-.18080	-.20610	-.17970	-.17880	-.18780
GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 126/ 0 RNVL = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-4.000	-4.005	-.13080	-.14460	-.14340	-.18160	-.18150	-.18010	-.20280	-.13750
-2.000	-2.001	-.13740	-.13870	-.13110	-.18260	-.18240	-.17830	-.18010	-.14730
-.000	.003	-.14210	-.13600	-.13810	-.18300	-.18740	-.19860	-.17340	-.13740
GRADIENT		.00167	.00148	.00033	-.00007	.00300	-.00186	.00363	.00022

RUN NO. 127/ 0 RNVL = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-4.000	-4.005	-.12490	-.13040	-.13100	-.15240	-.16400	-.17920	-.18140	-.12560
GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM MPS=NOM-) (DE6033) (22 JAN 76)

REFERENCE DATA

SREF = 2870.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1490.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 1381 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
+4.018	-.165	-.22100	-.23610	-.22210	-.23560	-.23800	-.25740	-.25630	-.22310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1382 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
+.048	+4.182	-.23990	-.24000	-.23940	-.24500	-.26010	-.27530	-.27420	-.23610
-.038	-.168	-.23020	-.23800	-.23610	-.24030	-.24400	-.25790	-.26020	-.23300
-.022	3.976	-.22960	-.23940	-.23450	-.25360	-.23960	-.26710	-.26490	-.24740
	GRADIENT	.00142	.00179	.00060	-.00109	.00256	.00100	.00115	-.00143

RUN NO. 1383 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
+.035	-.171	-.23550	-.23710	-.23410	-.24700	-.24870	-.25900	-.26070	-.24650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM MPS=NOM+) (DE6034) (22 JAN 76)

REFERENCE DATA

SREF = 2870.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1490.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 1371 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
+4.018	-.165	-.17810	-.17850	-.17760	-.18580	-.18780	-.19390	-.19450	-.18360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1372 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
+.048	+4.182	-.18830	-.17940	-.19250	-.19750	-.20980	-.20670	-.21960	-.19210
-.038	-.168	-.17980	-.17930	-.17820	-.18630	-.19110	-.19660	-.19890	-.18570
-.022	3.976	-.17850	-.17940	-.18700	-.20070	-.19440	-.21300	-.20450	-.19840
	GRADIENT	.00144	.00180	.00067	-.00042	.00191	-.00081	.00187	-.00080

ARC97-044-11A828 OTS(SRB=NOM MPS=NOM+) (DE6034) (22 JAN 76)

REFERENCE DATA

SREF = 6880.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1030.3000 IN. YMRP = .0000 IN. YT
BREF = 1231.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 1.550 PT = 30.700

RUN NO. 133/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	[illegible]	-.17780	-.17850	-.18310	-.19070	-.19560	-.19830	-.20170	-.19230
	RADIAN	.00010	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A828 OTS(SRB=OFF MPS=OFF) (DE6035) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = [illegible]

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 2.000 PT = 30.700

RUN NO. 92 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	[illegible]	-.19120	-.19100	-.19500	-.19000	-.17040	-.20570	-.20440	-.20660
	RADIAN	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	[illegible]	-.21180	-.21660	-.22020	-.19680	-.19420	-.23660	-.22000	-.22920
[illegible]	[illegible]	-.21840	-.21490	-.21150	-.19670	-.18600	-.22580	-.22050	-.21920
[illegible]	[illegible]	-.20210	-.20300	-.20740	-.20000	-.18090	-.21480	-.21280	-.21520
[illegible]	[illegible]	-.20550	-.20350	-.20780	-.20480	-.17490	-.20860	-.21210	-.21030
[illegible]	[illegible]	-.20720	-.20780	-.21400	-.21280	-.17010	-.20820	-.22400	-.21190
	RADIAN	.00052	.00054	.00079	-.00201	.00307	.00369	.00001	.00217

RUN NO. 94 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	[illegible]	-.20700	-.20780	-.21840	-.20850	-.18320	-.21690	-.21510	-.21450
	RADIAN	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

DATE 02 FEB 76 TABULATED SOURCE DATA - 1A82B (DE6036) (22 JAN 76)

AR097-044-11A82B OTS(SRB=NOM- MPS=NOM)

PARAMETRIC DATA

REFERENCE DATA

SREF = 2690.3000 SQ FT XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 997 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.007	-.102	-.10510	-.10620	-.10970	-.10970	-.10590	-.11530	-.11810	-.10550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 997 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.297	-4.039	-.13110	-.12110	-.13020	-.13150	-.12900	-.14160	-.14140	-.14050
.313	-.123	-.11600	-.11140	-.11730	-.12230	-.11590	-.12500	-.12700	-.12350
.293	3.955	-.12180	-.12310	-.12870	-.13330	-.12210	-.13920	-.13730	-.13950
	GRADIENT	.00115	-.00097	.00017	-.00024	.00085	.00027	.00049	.00010

RUN NO. 1007 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.429	-.099	-.12620	-.11660	-.12920	-.13210	-.12550	-.13490	-.13760	-.13930
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM MPS=NOM) (DE6037) (22 JAN 76)

PARAMETRIC DATA

REFERENCE DATA

SREF = 2690.3000 SQ FT XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 95 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.007	-.102	-.07820	-.08360	-.08170	-.08410	-.08570	-.09460	-.09910	-.07000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (DE6037) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 96/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	[illegible]	-.10050	-.09120	-.10360	-.10670	-.10920	-.11580	-.12280	-.10920
[illegible]	[illegible]	-.09730	-.09290	-.09010	-.09620	-.09590	-.10450	-.11000	-.09650
[illegible]	[illegible]	-.09760	-.09460	-.08660	-.09250	-.09200	-.10180	-.10470	-.09150
[illegible]	[illegible]	-.09860	-.09340	-.09640	-.10080	-.09730	-.11090	-.11020	-.09740
[illegible]	[illegible]	-.10350	-.10630	-.11000	-.11570	-.10800	-.12770	-.12440	-.12250
	GRADIENT	-.00059	-.00205	-.00098	-.00116	.00003	-.00154	-.00020	-.00141

RUN NO. 97/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	.000	-.09010	-.09430	-.09550	-.10160	-.09900	-.10850	-.11180	-.10460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM+ MPS=NOM) (DE6038) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 101/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	[illegible]	-.04110	-.05260	-.04800	-.05850	-.05970	-.07280	-.07580	-.03120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 102/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	[illegible]	-.06370	-.06620	-.07070	-.08010	-.03500	-.09130	-.10370	-.07590
[illegible]	[illegible]	-.06740	-.07110	-.07280	-.07890	-.07870	-.05950	-.09320	-.07170
[illegible]	[illegible]	-.07420	-.08070	-.08240	-.09350	-.08280	-.10670	-.09860	-.09450
	GRADIENT	-.00182	-.00182	-.00147	-.00169	.00027	-.00194	.00062	-.00235

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-11A82B OTS(SRB=NOM+ MPS=NOM) (DE6038) (22 JAN 76)

REFERENCE DATA

SREF = 5630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1210.8000 IN. YMRP = .0000 IN. YT
BREF = 1191.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 1037 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.443	-.085	-.05610	-.05920	-.06520	-.07410	-.07380	-.08440	-.08830	-.06410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B CTS(SRB=NOM++ MPS=NOM) (DE6039) (22 JAN 76)

REFERENCE DATA

SREF = 5630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1210.8000 IN. YMRP = .0000 IN. YT
BREF = 1191.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 1047 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-2.837	-.088	.00170	-.00660	.00190	-.02230	-.02370	-.04680	-.05050	.00880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1057 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	[illegible]	[illegible]	[illegible]	-.03230	-.05390	-.05030	[illegible]	-.07890	-.03280
[illegible]	[illegible]	[illegible]	[illegible]	-.01520	-.03200	-.03510	-.05370	-.05660	-.00060
.443	3.[illegible]	.04100	[illegible]	-.04430	-.06240	-.05290	-.08150	-.06890	-.06410
	GRADIENT	-.00154	-.00204	-.00154	-.00111	-.00035	-.00200	.00122	-.00400

RUN NO. 1067 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.443	-.085	-.01980	-.02770	-.02290	-.03360	-.03870	-.05170	-.05720	-.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM-) (DE6040) (22 JAN 76)

REFERENCE DATA

SREF = 6697.0000 SQ.FT XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 107/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.991	-.099	-.09870	-.10190	-.09730	-.10290	-.10230	-.11590	-.11870	-.08850
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 108/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.883	-4.036	-.11910	-.11720	-.12130	-.12310	-.12710	-.13480	-.14090	-.12710
.393	-.123	-.10670	-.10980	-.10780	-.11490	-.11270	-.12610	-.13000	-.11210
.883	3.955	-.12660	-.12340	-.12930	-.13860	-.12510	-.14890	-.14750	-.14510
	GRADIENT	-.00097	-.00079	-.00103	-.00197	.00023	-.00179	-.00085	-.00229

RUN NO. 109/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-.436	-.095	-.11760	-.11260	-.12540	-.12930	-.12480	-.13670	-.14130	-.13430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM+) (DE6041) (22 JAN 76)

REFERENCE DATA

SREF = 6697.0000 SQ.FT XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 110/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.991	-.099	-.05320	-.05680	-.05810	-.06260	-.05810	-.06510	-.06710	-.04550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 111/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.836	-4.036	-.08330	-.06760	-.08220	-.08480	-.08320	-.08710	-.09690	-.08710
.349	-.123	-.06820	-.05760	-.06500	-.07070	-.06570	-.07230	-.07490	-.06920
.836	3.955	-.07520	-.07940	-.08090	-.08530	-.07800	-.09430	-.08320	-.08760
	GRADIENT	.00098	-.00150	.00013	-.00009	.00063	-.00093	.00169	-.00009

AP097-044-11A82B OTS(SRB=NOM MPS=NOM+)

(DE6041) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = [illegible]

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 112/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	-.038	[illegible]	-.05770	-.06920	-.07570	-.07170	-.07870	-.08020	-.07340
	GRADIENT	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS(SRB=OFF MPS=OFF)

(DE6042) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = [illegible]

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 71/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	-.038	-.17280	-.17270	-.17540	-.16910	-.13500	-.18670	-.18580	-.17810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 72 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	[illegible]	-.19460	-.19350	-.19750	-.17160	-.15650	-.20590	-.20070	-.20050
[illegible]	[illegible]	-.19000	-.19060	-.19400	-.17330	-.15140	-.20130	-.20250	-.19420
[illegible]	[illegible]	-.18870	-.18750	-.19090	-.18310	-.14710	-.20220	-.20420	-.19380
[illegible]	[illegible]	-.18670	-.18550	-.18980	-.18590	-.14040	-.19030	-.19650	-.19210
[illegible]	[illegible]	-.18260	-.19110	-.20090	-.19730	-.13960	-.19220	-.20890	-.19740
	GRADIENT	.00037	.00049	-.00014	-.00320	.00224	.00192	-.00052	.00041

RUN NO. 73/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	[illegible]	[illegible]	[illegible]	-.19410	-.18780	-.14720	-.20520	-.20560	-.19640
	GRADIENT	[illegible]	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM- MPS=NOM) (DE6043) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = +00.0000 IN. ZT
SCALE = 1.000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 74/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.477	-.032	-.07810	-.07270	-.07560	-.08060	-.06630	-.08380	-.08360	-.07780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 75/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.523	+.033	-.10110	-.09560	-.09940	-.10610	-.08790	-.10410	-.10770	-.10910
.527	-.113	-.08750	-.07640	-.08750	-.09410	-.08120	-.09560	-.09560	-.09990
.531	R.ABS	-.10910	-.10980	-.11330	-.11500	-.10030	-.11910	-.11260	-.12220
	GRADIENT	.00103	-.00306	-.00177	-.00114	-.00157	-.00190	-.00064	-.00166

RUN NO. 76/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
+.520	-.032	-.09860	-.08410	-.09860	-.10360	-.08910	-.10420	-.10500	-.10790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (DE6044) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = +00.0000 IN. ZT
SCALE = 1.000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 77/ 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.517	-.035	-.09570	-.08280	-.05300	-.05760	-.05090	-.06170	-.06450	-.03900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (DE6044) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 875.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
DREF = [illegible] IN. ZMRP = +00.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 79/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	[illegible]	[illegible]	-.05230	-.07840	-.08360	-.07390	-.08600	-.09170	-.08040
[illegible]	[illegible]	[illegible]	-.05020	-.06330	-.07060	-.06130	-.07440	-.07760	-.06550
[illegible]	[illegible]	[illegible]	-.06020	-.06670	-.07080	-.06420	-.07670	-.07960	-.07270
[illegible]	[illegible]	[illegible]	[illegible]	-.07900	-.07890	-.07030	-.08580	-.08220	-.07600
[illegible]	[illegible]	[illegible]	[illegible]	-.09180	-.09600	-.08190	-.10430	-.09490	-.10350
	GRADIENT	[illegible]	-.00380	-.00210	-.00168	-.00127	-.00243	-.00057	-.00286

RUN NO. 79/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	[illegible]	[illegible]	[illegible]	-.08150	-.08430	-.07610	-.08910	-.08970	-.08700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM+ MPS=NOM) (DE6045) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 875.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
DREF = [illegible] IN. ZMRP = +00.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 80 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	[illegible]	[illegible]	-.02090	-.01670	-.02510	-.02040	-.03480	-.03790	-.00260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 8[illegible] 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	[illegible]	[illegible]	-.03090	-.04600	-.05150	-.04150	-.05420	-.06630	-.04500
[illegible]	[illegible]	[illegible]	[illegible]	-.02660	-.03390	-.02990	-.04430	-.04970	-.01900
[illegible]	[illegible]	[illegible]	[illegible]	-.05330	-.05870	-.04560	-.07210	-.06190	-.06480
	[illegible]	[illegible]	[illegible]	-.00085	-.00094	-.00054	-.00227	.00053	-.00254

AP097-044-11A82B OTS(SRB=NOM+ MPS=NOM) (DE6045) (22 JAN 76)

REFERENCE DATA

SREF = 2030.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1930.8000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 FT = 30.700

RUN NO. 82/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	-.098	-.04710	-.04770	-.05250	-.05730	-.04880	-.06490	-.06930	-.05670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS(SRB=NOM++ MPS=NOM) (DE6046) (22 JAN 76)

REFERENCE DATA

SREF = 2030.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1930.8000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 FT = 30.700

RUN NO. 83/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	-.108	.01930	.01290	.02110	.00160	.00370	-.01460	-.01670	.03130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 84/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	-.093	-.02130	-.01590	-.02070	-.03230	-.02100	-.03810	-.05040	-.01910
	-.098	-.00820	-.01660	-.00570	-.01590	-.01210	-.02990	-.03440	.00500
	-.104	-.02400	-.02990	-.02780	-.03700	-.02560	-.05240	-.04270	-.04530
	GRADIENT	-.00144	-.00175	-.00092	-.00056	-.00059	-.00161	.00094	-.00334

RUN NO. 85 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
[illegible]	-.098	-.01410	-.01830	-.02080	-.02370	-.02400	-.03730	-.04150	-.01790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM MPS=NOM-) (CE6047) (22 JAN 76)

REFERENCE DATA

SREF = 3894.0100 SQ FT. XMRP = 976.0000 IN. XT
LREF = 1210.8100 IN. YMRP = .0000 IN. YT
MRLF = 1210.8100 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0.100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 86/ 0 PN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.000	-.092	-.08670	-.07230	-.07150	-.07500	-.08890	-.08410	-.08920	-.05990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 87/ 0 PN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-4.488	-4.033	-.09450	-.08670	-.09510	-.10090	-.09350	-.10960	-.11390	-.10230
000	-.116	-.09110	-.08210	-.08540	-.09090	-.08270	-.09940	-.10320	-.09250
-3.000	3.861	-.10110	-.10810	-.11120	-.11780	-.10060	-.12770	-.12310	-.12290
	GRADIENT	-.00385	-.00245	-.00204	-.00214	-.00091	-.00230	-.00118	-.00261

RUN NO. 88/ 0 PN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-1.623	- 089	-.09250	-.08960	-.09960	-.10170	-.09250	-.10850	-.11270	-.10690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM MPS=NOM+) (CE6048) (22 JAN 76)

REFERENCE DATA

SREF = 3894.0100 SQ FT. XMRP = 976.0000 IN. XT
LREF = 1210.8100 IN. YMRP = .0000 IN. YT
MRLF = 1210.8100 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0.100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 89/ 0 PN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.000	- 093	-.03990	-.03650	-.03720	-.03870	-.03040	-.03980	-.04040	-.02600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 90/ 0 PN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-4.488	-4.033	-.04410	-.03650	-.05160	-.06550	-.05390	-.06260	-.07220	-.05450
000	-.116	-.04860	-.04110	-.04980	-.06530	-.04180	-.05850	-.06690	-.05240
-3.000	3.861	-.05710	-.05360	-.07050	-.07860	-.05800	-.07340	-.08530	-.07820
	GRADIENT	-.00385	-.00245	-.00114	-.00091	-.00064	-.00213	.00084	-.00174

ARC97-044-1IA82B OTS(SRB=NOM MPS=NOM+) (DE6048) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1291.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 917 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.097	-.120	-.05880	-.05900	-.05230	-.06460	-.05330	-.06660	-.06850	-.06580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=OFF MPS=OFF) (DE6049) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1291.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 1347 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.912	-.165	-.26290	-.26200	-.27110	-.27170	-.26490	-.26990	-.25410	-.26710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1351 0 RN/L = 4.15 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.011	-4.095	-.27640	-.27590	-.28910	-.27640	-.28090	-.29910	-.25420	-.28440
.018	-.178	-.26470	-.26340	-.27600	-.26860	-.26570	-.25740	-.25010	-.26950
.001	3.906	-.27030	-.26700	-.27420	-.27380	-.26740	-.26190	-.26060	-.26900
	GRADIENT	.00076	.00109	.00198	.00031	.00168	.00463	-.00157	-.00060

RUN NO. 1356 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.088	-.169	-.26370	-.25710	-.26180	-.26490	-.26290	-.25380	-.23540	-.27270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC87-044-11A82B OTS(SRB=NOM MPS=NOM) (DEC050) (22 JAN 76)

REFERENCE DATA

PARAMETRIC DATA

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 400.0000 IN. ZT

ELV-IB = 4.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 137 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
	-.165	-.21330	-.21780	-.21660	-.22570	-.23090	-.23540	-.23690	-.23090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 138 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-.110	-4.082	-.21880	-.22140	-.22580	-.22900	-.24380	-.24640	-.25470	-.23320
-.108	-.168	-.20970	-.21110	-.21510	-.22480	-.22920	-.23790	-.24090	-.22420
-.113	3.845	-.20960	-.20990	-.22000	-.23600	-.22870	-.25000	-.24440	-.23530
	GRADIENT	.00146	.00144	.00071	-.00099	.00188	-.00047	.00127	-.00152

RUN NO. 139/ 0 RN/L = 4.04 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
3.978	-.165	-.21330	-.21780	-.21660	-.22570	-.23090	-.23540	-.23690	-.23090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC87-044-11A82B OTS(SRB=OFF MPS=OFF) (DEC051) (22 JAN 76)

REFERENCE DATA

PARAMETRIC DAT

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 400.0000 IN. ZT

ELV-IB = 4.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 143/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
	-.165	-.21330	-.21780	-.21660	-.22570	-.23090	-.23540	-.23690	-.23090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 144/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
	-4.080	-.21880	-.22140	-.22580	-.22900	-.24380	-.24640	-.25470	-.23320
	-.168	-.20970	-.21110	-.21510	-.22480	-.22920	-.23790	-.24090	-.22420
	3.845	-.20960	-.20990	-.22000	-.23600	-.22870	-.25000	-.24440	-.23530
	GRADIENT	.00146	.00144	.00071	-.00099	.00188	-.00047	.00127	-.00152

TABULATED SOURCE DATA - IA82B

APC3T-34+-IIA82B OTS(SRB=OFF MPS=OFF) (DE5DB1) (22 JAN 76)

REFERENCE DATA

SREF = 0.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 0.0000 IN. YMRP = .0000 IN. YT
BMLF = 0.0000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.000

PARAMETRIC DATA

ELV-IB = 4.000 ELV-DB = .000
MACH = 2.000 PT = 30.700

RUN NO. 145/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
0.000	0.000	-.22080	-.22010	-.22940	-.22010	-.19430	-.23320	-.23250	-.23040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

APC3T-34+-IIA82B OTS(SRB=NOM MPS=NOM) (DE5DB2) 22 JAN 76)

REFERENCE DATA

SREF = 8950.00 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1320.00 IN. YMRP = .0000 IN. YT
BMLF = 1320.00 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.000

PARAMETRIC DATA

ELV-IB = -.000 ELV-DB = .000
MACH = 2.000 PT = 30.700

RUN NO. 140/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
0.000	0.000	-.09230	-.09810	-.09700	-.09980	-.09620	-.10740	-.10830	-.09060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 141/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
8.000	0.000	-.10760	-.10490	-.11290	-.11640	-.11980	-.12560	-.13210	-.12030
	5.000	-.10760	-.11120	-.11460	-.11490	-.11460	-.12390	-.12750	-.11670
	7.000	-.10760	-.11230	-.12790	-.13410	-.12310	-.14410	-.13970	-.13960
	GRADIENT	-.00148	-.00332	-.00189	-.00223	-.00054	-.00233	-.00097	-.00243

RUN NO. 142/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
8.000	0.000	-.10830	-.10740	-.11600	-.11820	-.11800	-.12670	-.13060	-.12430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-0- S(SRB=OFF MPS=OFF) (DE6053) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 146/ 0 RN/L = 3.44 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.463	-.107	-.18360	-.18320	-.18670	-.18070	-.14930	-.20330	-.20500	-.19260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 147/ 0 RN/L = 3.43 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.511	-4.030	-.20670	-.20540	-.20810	-.18320	-.16590	-.21640	-.21330	-.21140
.517	-.116	-.20150	-.19980	-.20330	-.19400	-.15780	-.21510	-.21680	-.20560
.511	3.955	-.20250	-.20250	-.21140	-.20560	-.14940	-.20410	-.21970	-.20750
	GRADIENT	.00052	.00035	-.00042	-.00281	.00207	.00155	-.00080	.00048

RUN NO. 148/ 0 RN/L = 3.42 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.557	-.110	-.20290	-.20310	-.20710	-.19920	-.15700	-.21720	-.21920	-.20700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (DE6054) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 149/ 0 RN/L = 3.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.510	-.104	-.05990	-.06510	-.06670	-.06900	-.06220	-.07580	-.07930	-.05740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 150/ 0 RN/L = 3.37 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.451	-4.030	-.09030	-.07230	-.08860	-.09570	-.08350	-.09800	-.10480	-.09320
.447	-.113	-.07900	-.07780	-.08530	-.08880	-.07690	-.09180	-.09490	-.09010
.431	3.952	-.09740	-.10180	-.10640	-.11110	-.09120	-.11830	-.10810	-.11520
	GRADIENT	-.00091	-.00371	-.00225	-.00195	-.00098	-.00257	-.00043	-.00278

ARC97-044-11A82B CTS(SRB=NOM MPS=NOM) (DE6054) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 151/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.427	-.107	-.09400	-.09340	-.10000	-.10110	-.08950	-.10520	-.10670	-.10460
	GRADIENT	00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (DE6055) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 154/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-4.008	-.165	-.25600	-.25540	-.26440	-.26500	-.25960	-.27020	-.24980	-.26200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 153/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.015	-4.082	-.26990	-.26920	-.28320	-.27010	-.27540	-.29120	-.24860	-.27810
.018	-.147	-.26080	-.25860	-.27110	-.26340	-.26010	-.26190	-.24510	-.26510
-.012	3.900	-.26360	-.26040	-.26730	-.26780	-.26000	-.25480	-.26030	-.28350
	GRADIENT	.00066	.00110	.00199	.00028	.00192	.00455	-.00148	-.00069

RUN NO. 152/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.065	-.165	-.25960	-.25350	-.25820	-.26140	-.25850	-.25020	-.23170	-.26940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (DE6056) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 155/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-4.038	-.159	-.20120	-.20710	-.20860	-.22030	-.22070	-.23320	-.23560	-.21410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 156/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-.076	-4.088	-.21520	-.21630	-.22130	-.22250	-.24010	-.24290	-.25040	-.22080
-.002	-.178	-.20370	-.20470	-.20990	-.21780	-.22150	-.23010	-.23460	-.21700
-.102	3.900	-.20470	-.20590	-.21690	-.23160	-.22520	-.24630	-.24000	-.23120
	GRADIENT	.00130	.00129	.00053	-.00116	.00185	-.00045	.00128	-.00132

RUN NO. 157/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.048	-.140	-.20760	-.19960	-.21160	-.21990	-.22570	-.23240	-.23470	-.22680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (DE6057) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 158/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.692	-.095	-.19560	-.19470	-.19980	-.19360	-.17900	-.21130	-.21020	-.21030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 159/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.278	-4.040	-.21320	-.21450	-.22240	-.19850	-.20170	-.24330	-.22670	-.23360
.305	-.130	-.21270	-.21080	-.21530	-.20840	-.18870	-.22350	-.21950	-.21910
.312	3.945	-.21610	-.21270	-.22010	-.21940	-.17620	-.21680	-.23320	-.22120
	GRADIENT	-.00037	.00022	.00028	-.00262	.00294	.00331	-.00083	.00154

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (DE6057) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 160/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.308	-.093	-.21450	-.21430	-.22270	-.21320	-.19210	-.22900	-.22770	-.22520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (DE6058) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 161/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.709	-.096	-.08110	-.08790	-.08660	-.08860	-.08960	-.09730	-.10260	-.07740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 162/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.355	-.037	-.10720	-.09670	-.10900	-.11270	-.11510	-.12090	-.12730	-.11670
.255	-.130	-.09100	-.09300	-.09880	-.10270	-.10180	-.11250	-.11610	-.10290
.245	3.945	-.11730	-.11750	-.12170	-.12750	-.11870	-.13690	-.13420	-.13400
	GRADIENT	-.00130	-.00263	-.00162	-.00198	-.00048	-.00203	-.00089	-.00221

RUN NO. 163/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.421	-.093	-.09920	-.09440	-.10660	-.10990	-.10890	-.11660	-.12060	-.11420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (DE6059) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 164/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.483	-.086	-.17920	-.17880	-.18230	-.17400	-.14210	-.19200	-.19540	-.18330
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 165/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.478	-4.030	-.19970	-.19830	-.20180	-.17620	-.16070	-.20990	-.20660	-.20390
.497	-.126	-.19630	-.19450	-.19800	-.18850	-.15180	-.20770	-.20910	-.19790
.471	3.951	-.19740	-.19530	-.20540	-.20090	-.14350	-.19720	-.21320	-.20050
	GRADIENT	.00028	.00037	-.00046	-.00309	.00215	.00160	-.00083	.00042

RUN NO. 166/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.613	-.082	-.19580	-.19620	-.20020	-.19320	-.15320	-.21140	-.21380	-.20230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (DE6060) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 167/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.510	-.089	-.04940	-.05370	-.05530	-.05760	-.05210	-.06590	-.06840	-.04840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 168/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.317	-4.030	-.08540	-.06600	-.08330	-.09030	-.07560	-.08910	-.09530	-.08420
.463	-.126	-.05690	-.05550	-.07330	-.07680	-.06770	-.08220	-.08570	-.07930
.441	3.955	-.08660	-.09110	-.09560	-.09970	-.08410	-.11040	-.09910	-.10710
	GRADIENT	-.00019	-.00317	-.00157	-.00121	-.00109	-.00270	-.00050	-.00290

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (DE6060) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 169/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
+.547	-.086	-.07970	-.08200	-.08870	-.09060	-.08020	-.09450	-.09640	-.09450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (DE6061) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.553 PT = 30.700

RUN NO. 170/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.971	-.153	-.26840	-.26670	-.27310	-.27710	-.27030	-.28380	-.26400	-.28410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 171/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-.008	-4.076	-.28110	-.28060	-.28830	-.28090	- 28540	-.30360	-.25770	-.31540
-.015	-2.130	-.27720	-.27650	-.28670	-.28090	-.28390	-.28820	-.25610	-.30720
.002	-.168	-.27220	-.27050	-.27650	-.27490	-.27350	-.27590	-.25950	-.29090
-.008	1.883	-.27720	-.27430	-.28030	-.28200	-.27410	-.27530	-.26230	-.29470
-.015	3.903	-.27380	-.27070	-.27590	-.27730	-.27080	-.26420	-.27380	-.29530
	GRADIENT	.00072	.00109	.00155	.00030	.00195	.00458	-.00193	.00262

RUN NO. 172/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
+.135	-.137	-.26570	-.26030	-.26890	-.26950	-.26670	-.25780	-.23960	-.28240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (DE6062) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 173/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-4.011	-.140	-.20800	-.21060	-.21550	-.22350	-.22690	-.23880	-.23860	-.22860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 174/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-.075	-4.073	-.22100	-.22200	-.22880	-.22880	-.24650	-.24650	-.25590	-.25150
-.075	-2.130	-.21720	-.21230	-.22220	-.22350	-.24010	-.23660	-.24730	-.23750
-.077	-.168	-.21230	-.20900	-.22160	-.22530	-.23350	-.24220	-.24490	-.23590
-.092	1.890	-.20870	-.20540	-.22030	-.22750	-.23150	-.24310	-.24360	-.23560
-.089	3.903	-.20990	-.21310	-.22380	-.23610	-.23370	-.25210	-.24780	-.23560
	GRADIENT	.00153	.00122	.00059	-.00094	.00170	-.00090	.00099	.00167

RUN NO. 175/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.055	-.140	-.21050	-.20130	-.21850	-.22110	-.22970	-.23540	-.23710	-.23040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (DE6063) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.630	-.092	-.19980	-.19960	-.20560	-.19960	-.18190	-.22000	-.21970	-.21710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (DE6063) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 177/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.257	-4.027	-.21800	-.22020	-.22420	-.20200	-.20470	-.24980	-.23270	-.24780
.240	-2.092	-.21680	-.21700	-.22030	-.20630	-.20030	-.24190	-.23560	-.23540
.260	-.120	-.21610	-.21560	-.22210	-.21320	-.19230	-.23320	-.22880	-.22940	
.237	1.939	-.21530	-.21390	-.22380	-.21740	-.18580	-.22430	-.23050	-.22340	
.234	3.951	-.21870	-.21470	-.22920	-.22410	-.17960	-.22180	-.24030	-.22410	
	GRADIENT	.00002	.00070	-.00068	-.00277	.00324	.00368	-.00051	.00296

RUN NO. 178/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.450	-.095	-.21880	-.21930	-.22550	-.21810	-.19490	-.23600	-.23440	-.23350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (DE6064) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 179/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.715	-.095	-.08170	-.08680	-.08730	-.08970	-.09130	-.10000	-.10360	-.08910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 180/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.244	-4.027	-.11100	-.09900	-.11440	-.11750	-.11780	-.12380	-.13090	-.12900
.240	-2.092	-.09880	-.09210	-.10300	-.10570	-.10770	-.11270	-.11930	-.11330
.257	-.120	-.09900	-.10130	-.10880	-.10860	-.10890	-.11740	-.12130	-.11450
.237	1.939	-.10090	-.10560	-.11070	-.11250	-.11350	-.12710	-.12530	-.11300
.230	3.951	-.11840	-.11800	-.12170	-.12910	-.12130	-.14000	-.13550	-.13500
	GRADIENT	-.00089	-.00259	-.00113	-.00152	-.00066	-.00237	-.00088	-.00061

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (DE6064) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 181/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.430	-.092	-.10870	-.10610	-.11700	-.11740	-.11800	-.12460	-.12980	-.12460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (DE6065) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 182/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.493	-.088	-.18070	-.18130	-.18970	-.17800	-.14310	-.19930	-.20180	-.18780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 183/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-.481	-4.017	-.20060	-.19910	-.20280	-.17650	-.16700	-.21330	-.21000	-.20360
.487	-2.075	-.19760	-.19700	-.20200	-.17870	-.16290	-.21030	-.21590	-.19620
.487	-.110	-.19760	-.19820	-.21040	-.19390	-.15700	-.21370	-.21640	-.19580
.473	1.945	-.19510	-.19510	-.20580	-.19820	-.14970	-.20340	-.21020	-.19870
.487	3.958	-.18810	-.19590	-.21150	-.20370	-.14760	-.20000	-.21503	-.20230
	GRADIENT	.00137	.00036	-.00106	-.00370	.00260	.00169	-.00021	-.00001

RUN NO. 184/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.603	-.085	-.18100	-.20100	-.20760	-.19690	-.15910	-.21640	-.22030	-.20380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (DE6066) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 185/ 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.607	-.085	-.05420	-.05710	-.05970	-.06300	-.05320	-.06680	-.07070	-.05320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 186/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.+17	-4.017	-.09780	-.06730	-.08820	-.09+60	-.07910	-.09250	-.10000	-.08900
.+33	-2.079	-.07420	-.05800	-.07690	-.08180	-.07010	-.08280	-.08820	-.07630
.+50	-.110	-.07030	-.06890	-.07630	-.07880	-.06970	-.08390	-.08580	-.02160
.+33	1.9+5	-.08050	-.08360	-.08670	-.09000	-.07990	-.09630	-.09220	-.08750
.+31	3.955	-.08910	-.09370	-.09820	-.10290	-.08520	-.11080	-.10060	-.10650
	GRADIENT	-.00047	-.00395	-.00152	-.00127	-.00112	-.00254	-.00028	-.00234

RUN NO. 187/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
+ 5+7	-.085	-.08970	-.08950	-.09630	-.09610	-.08370	-.09710	-.10100	-.10060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (DE6067) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0100 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 188/ 0 RN/L = 4.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.865	-.150	-.27330	-.27090	-.27790	-.28130	-.27+20	-.29040	-.27070	-.28770
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (DE6057) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1990.3000 IN. YMRP = .0000 IN. YT
BREF = 1990.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 189/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-.015	-4.079	-.28180	-.28100	-.28990	-.28220	-.28540	-.30640	-.25950	-.31640
.008	-.171	-.27490	-.27280	-.27810	-.27800	-.27450	-.28060	-.26170	-.29220
-.015	3.900	-.27660	-.27440	-.27940	-.28080	-.27440	-.26840	-.28170	-.29850
	GRADIENT	.00064	.00082	.00130	.00017	.00149	.00475	-.00292	.00222

RUN NO. 190/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.128	-.144	-.26910	-.26330	-.27140	-.27190	-.26990	-.26270	-.24410	-.28520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (DE6058) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1990.3000 IN. YMRP = .0000 IN. YT
BREF = 1990.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 191/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-4.039	-.144	-.21060	-.21120	-.21720	-.22440	-.22850	-.23970	-.24040	-.23030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 192 0 RN/L = 4.15 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-.015	-4.079	-.21990	-.21390	-.22750	-.22790	-.24640	-.24660	-.25470	-.25120
-.015	-.171	-.21410	-.21210	-.22740	-.22770	-.23650	-.24420	-.24710	-.23750
-.062	3.900	-.21460	-.21630	-.22810	-.23910	-.23720	-.25520	-.25230	-.23950
	GRADIENT	.00067	.00045	-.00008	-.00141	.00114	-.00109	.00029	.00145

RUN NO. 193/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-4.008	-.144	-.20360	-.20270	-.21920	-.21910	-.22990	-.23690	-.23810	-.23540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC9T-044-11A82B OTS(SRB=OFF MPS=OFF) (CE6059 I 22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 194/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.680	-.092	-.20410	-.20270	-.20890	-.20230	-.17990	-.22450	-.22270	-.22070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 195/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.304	-4.024	-.21690	-.22090	-.22450	-.22180	-.20180	-.25020	-.23470	-.24710
.304	-.123	-.21510	-.21550	-.22200	-.21300	-.19060	-.23580	-.23220	-.23130
.384	3.948	-.21690	-.21570	-.23060	-.22490	-.17710	-.22330	-.24240	-.22570
	GRADIENT	.00025	.00065	-.00077	-.00290	.00310	.00337	-.00038	.00267

RUN NO. 196/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.470	-.092	-.21960	-.21980	-.22560	-.21760	-.19100	-.23720	-.23630	-.23450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC9T-044-11A82B OTS(SRB=NOM MPS=NOM) (CE6070 I 22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.00

RUN NO. 197/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.723	-.092	-.09200	-.08760	-.09140	-.09080	-.09100	-.10090	-.10540	-.09070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP13.
.140	-4.087	-.11220	-.10960	-.11600	-.11950	-.11750	-.12630	-.13390	-.13210
.360	-.123	-.10450	-.10580	-.11200	-.11250	-.10920	-.11970	-.12310	-.11910
.584	3.946	-.11010	-.11910	-.12360	-.13020	-.12040	-.14190	-.13590	-.13590
	GRADIENT	-.00088	-.00283	-.00099	-.00136	-.00038	-.00197	-.00071	-.00050

DATE 08 FEB 76 TABULATED SOURCE DATA - IA82B

AR097-044-11A82B OTS(SRB=NOM MPS=NOM) (DS60701 (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 199/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

	ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
	4.177	-.120	-.11360	-.11000	-.12110	-.13200	-.11960	-.12740	-.13330	-.12920
		GRADIENT	.00000	.00000	.00000	.03000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=OFF MPS=OFF) (DS60711 (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO 203/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

	ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
	-3.377	-.101	-.17830	-.17910	-.18960	-.17790	-.[illegible]830	-.19360	-.19380	-.18480
		GRADIENT	.00000	.00000	.00000	.00000	.000	.00000	.00000	.00000

RUN NO. 20[illegible] 0 RN/L = 3.35 GRADIENT INTERVA -5.00/ 5.00

	ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
	[illegible]	[illegible]	-.19810	-.19730	-.19930	-.17340	-.[illegible]	-.20920	-.20770	-.20190
	[illegible]	-.[illegible]	-.[illegible]210	-.18+30	-.20670	-.19060	-.[illegible]	-.21140	-.21570	-.19-60
	[illegible]	[illegible]	-.19[illegible]0	-.19540	-.21000	-.20240	-.[illegible]	-.19860	-.21140	-.19960
		GRADIENT	.00121	.00024	-.00134	-.00362	.00[illegible]	.00159	-.00045	.00039

RUN NO. 20[illegible] 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

	ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
	[illegible]	[illegible]	-.19710	-.19690	-.20350	-.19280	-.147[illegible]	-.21[illegible]	-.21630	-.19990
		GRADIENT	[illegible]	.00000	.00000	00000	.000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (DE6072) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 200/ 0 RN/L = 3.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.407	-.101	-.05280	-.05410	-.05610	-.06170	-.05250	-.06540	-.06820	-.05610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 201/ 0 RN/L = 3.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.535	-4.030	-.08120	-.06310	-.08280	-.08860	-.07490	-.08760	-.09540	-.08290
.553	-.113	-.07940	-.07810	-.08530	-.08530	-.07550	-.08780	-.08960	-.09040
.531	3.961	-.08980	-.09370	-.09740	-.10250	-.08610	-.11140	-.10170	-.10750
	GRADIENT	-.00109	-.00383	-.00183	-.00176	-.00141	-.00300	-.00080	-.00309

RUN NO. 202/ 0 RN/L = 3.37 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.403	-.104	-.09310	-.09250	-.10010	-.09370	-.08620	-.10060	-.10410	-.10610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (DE6073) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 206/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.851	-.156	-.27800	-.27540	-.28290	-.28690	-.27820	-.29680	-.27540	-.29170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 207/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.102	-4.092	-.28570	-.28540	-.29450	-.28660	-.29110	-.31260	-.26230	-.32150
.115	-.174	-.29150	-.28030	-.28580	-.28460	-.28080	-.28810	-.26930	-.29840
.083	3.906	-.28160	-.27920	-.28460	-.28690	-.27800	-.27390	-.28700	-.30250
	GRADIENT	.00051	.00076	.00123	-.00004	.00163	.00483	-.00310	.00235

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-1IA82B OTS(SRB=OFF MPS=OFF) (DE6073) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 208/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.232	-.131	-.27320	-.26710	-.27570	-.27730	-.27310	-.26660	-.24570	-.28880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=NOM MPS=NOM) (DE6074) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 209/ 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.911	-.131	-.21060	-.21290	-.21770	-.22510	-.22940	-.24080	-.24170	-.22980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 210/ 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.039	-4.082	-.22090	-.22070	-.22840	-.22840	-.24630	-.24840	-.25550	-.25230
.035	-.174	-.21510	-.20990	-.22460	-.22750	-.23580	-.24510	-.24820	-.23880
.012	3.906	-.21490	-.21620	-.22810	-.23950	-.23740	-.25500	-.25360	-.24050
	GRADIENT	.00075	.00055	.00003	-.00140	.00110	-.00084	.00023	.00146

RUN NO. 211/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.119	-.131	-.21130	-.20460	-.21890	-.22060	-.23220	-.23820	-.24060	-.23210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=OFF MPS=OFF) (DE6075) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 212/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.555	-.083	-.20260	-.20180	-.20830	-.20090	-.17880	-.22310	-.22090	-.21810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 213/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.396	-4.034	-.21550	-.21730	-.22100	-.19880	-.19870	-.24580	-.23010	-.24270
.408	-.126	-.21350	-.21280	-.21950	-.21020	-.18760	-.23260	-.22810	-.22770
.396	3.954	-.21530	-.21240	-.22740	-.22160	-.17520	-.21990	-.23900	-.22280
	GRADIENT	.00002	.00061	-.00081	-.00285	.00294	.00324	-.00113	.00248

RUN NO. 214/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.528	-.083	-.21690	.21670	-.22200	-.21580	-.19030	-.23470	-.23360	-.23250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=NOM MPS=NOM) (DE6076) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 215/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.592	-.083	-.07850	-.08400	-.08510	-.08750	-.08920	-.09820	-.10400	-.08710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 216/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.332	-4.031	-.10690	-.09550	-.11060	-.11410	-.11500	-.12110	-.12840	-.12750
.371	-.126	-.09910	-.10080	-.10790	-.10900	-.10740	-.11730	-.12130	-.11600
.345	3.957	-.11600	-.11730	-.12180	-.12840	-.11920	-.13940	-.13590	-.13300
	GRADIENT	-.00116	-.00274	-.00142	-.00181	-.00054	-.00231	-.00096	-.00072

ARC97-044-1IA82B OTS(SRB=NOM MPS=NOM) (DE6076) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 217/ 0 . RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.451	-.083	-.11160	-.10790	-.11870	-.11970	-.11850	-.12600	-.13150	-.12620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=OFF MPS=OFF) (DE6077) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 218/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.357	-.079	-.17700	-.17790	-.18700	-.17390	-.13670	-.19760	-.20030	-.18350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 219/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.578	-4.026	-.19520	-.19400	-.19710	-.17120	-.15270	-.20620	-.20420	-.19840
.597	-.110	-.19440	-.19400	-.20640	-.19090	-.14670	-.21060	-.21370	-.19300
.581	3.951	-.19730	-.19600	-.21070	-.20350	-.13990	-.19850	-.21450	-.20160
	GRADIENT	-.00027	-.00025	-.00170	-.00404	.00160	.00098	-.00128	-.00041

RUN NO. 220/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.723	-.076	-.19790	-.19870	-.20530	-.19460	-.14800	-.21390	-.21860	-.20140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=NOM MPS=NOM) (DE6078) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 221/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.393	-.079	-.04980	-.05370	-.05620	-.05980	-.05060	-.06470	-.06930	-.05080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 222/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.484	-4.026	-.07960	-.05890	-.08070	-.08750	-.07250	-.08820	-.09550	-.08450
.507	-.082	-.06930	-.06930	-.07640	-.07870	-.06840	-.08500	-.08710	-.08000
.528	3.955	-.08830	-.09250	-.09660	-.10130	-.08400	-.11170	-.10130	-.10690
	GRADIENT	-.00110	-.00422	-.00200	-.00174	-.00145	-.00296	-.00074	-.00282

RUN NO. 223/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.667	-.082	-.09240	-.09160	-.09840	-.09840	-.08880	-.10030	-.10400	-.10380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=OFF MPS=OFF) (DE6079) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 224/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.865	-.147	-.26930	-.26710	-.27450	-.27880	-.27120	-.28670	-.26700	-.28520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 225/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.105	-4.038	-.27910	-.27840	-.28730	-.27930	-.28360	-.30290	-.25540	-.31420
.115	-.181	-.27050	-.27010	-.27480	-.27380	-.27170	-.27570	-.25740	-.28920
.092	3.897	-.27250	-.26970	-.27530	-.27680	-.27030	-.26480	-.27520	-.29500
	GRADIENT	.00092	.00108	.00149	.00031	.00166	.00476	-.00249	.00238

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (DE6079) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 226/ 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.245	-.144	-.26370	-.25970	-.26660	-.26690	-.26490	-.25710	-.23940	-.28200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (DE6080) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 227/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.905	-.144	-.21100	-.21440	-.21760	-.22450	-.22820	-.23040	-.24060	-.23040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 228/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.022	-4.089	-.21900	-.21860	-.22640	-.22610	-.24510	-.24530	-.25530	-.24940
.035	-.181	-.21150	-.20790	-.22120	-.22380	-.23300	-.24190	-.24530	-.23440
.015	3.897	-.21120	-.21240	-.22580	-.23710	-.23490	-.25330	-.25000	-.23750
	GRADIENT	.00097	.00076	.00007	-.00139	.00126	-.00101	.00065	.00147

RUN NO. 229/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.178	-.137	-.21120	-.20290	-.21860	-.22120	-.22980	-.23560	-.23750	-.23130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (DE6081) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 230/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.566	-.095	-.20400	-.20330	-.20680	-.20140	-.18220	-.22250	-.22130	-.22030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 231/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.371	-4.037	-.21630	-.21910	-.22270	-.20110	-.20090	-.24710	-.23000	-.24560
.407	-.132	-.21390	-.21280	-.21940	-.21020	-.18880	-.23020	-.22640	-.22730
.401	3.945	-.21590	-.21320	-.22840	-.22270	-.17670	-.21990	-.23900	-.22250
	GRADIENT	.00005	.00073	-.00073	-.00271	.00303	.00340	-.00114	.00288

RUN NO. 232/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.570	-.092	-.21780	-.21780	-.22310	-.21610	-.19160	-.23450	-.23300	-.23130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (DE6082) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 233/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.590	-.095	-.07660	-.08450	-.08540	-.08740	-.08850	-.09870	-.10320	-.08820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 234/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.334	-4.040	-.10670	-.09550	-.11130	-.11460	-.11520	-.12200	-.12920	-.12680
.364	-.132	-.10000	-.10130	-.10640	-.10660	-.10730	-.11600	-.12020	-.11390
.348	3.945	-.11590	-.11660	-.12140	-.12690	-.11780	-.13740	-.13360	-.13120
	GRADIENT	-.00117	-.00265	-.00128	-.00157	-.00034	-.00195	-.00057	-.00058

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (DE6082) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 235/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.494	-.092	-.10710	-.10380	-.11490	-.11520	-.11460	-.12360	-.12760	-.12270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (DE6083) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 236/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.377	-.085	-.17830	-.17830	-.18740	-.17520	-.14080	-.19840	-.20030	-.18520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 237/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.551	-4.033	-.19850	-.19950	-.20180	-.17590	-.15920	-.21220	-.20950	-.20430
.597	-.126	-.19530	-.19510	-.20730	-.19160	-.15210	-.21380	-.21710	-.19620
.578	3.952	-.19910	-.19790	-.21260	-.20510	-.14230	-.19820	-.21390	-.20130
	GRADIENT	-.00008	.00007	-.00135	-.00365	.00212	.00177	-.00054	.00036

RUN NO. 238/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.763	-.082	-.19790	-.19870	-.20470	-.19500	-.15120	-.21450	-.21860	-.20310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (DE6084) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 239/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.403	-.085	-.05070	-.05340	-.05670	-.06030	-.05110	-.06540	-.06950	-.05230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 240/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.494	-4.030	-.08460	-.06280	-.08360	-.08940	-.07440	-.08980	-.09640	-.08500
.550	-.126	-.06710	-.06940	-.07540	-.07730	-.06920	-.08380	-.08730	-.08080
.541	3.685	-.08880	-.09330	-.09730	-.10180	-.08420	-.11130	-.10060	-.10740
	GRADIENT	-.00056	-.00384	-.00174	-.00159	-.00125	-.00272	-.00055	-.00283

RUN NO. 241/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.723	-.092	-.08970	-.08740	-.09470	-.09470	-.08440	-.09910	-.10310	-.10120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (DE6085) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 248/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-4.001	-.159	-.22630	-.23600	-.22970	-.23750	-.23930	-.25810	-.25900	-.23090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 249/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-1.132	-4.079	-.24630	-.24910	-.24860	-.24990	-.26000	-.28220	-.27370	-.26060
-1.091	-.171	-.23130	-.24120	-.23280	-.24210	-.24460	-.26240	-.26440	-.23510
-1.042	3.897	-.22840	-.23480	-.23950	-.25650	-.24230	-.26920	-.27250	-.23880
	GRADIENT	.00223	.00179	.00112	-.00085	.00221	.00173	.00014	.00271

APC97-044-IIA82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (DE6085) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 250/ 0 RN/L = 4.04 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.002	-.165	-.23980	-.24620	-.24280	-.25250	-.25470	-.26710	-.26880	-.24470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (DE6086) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 242/ 0 RN/L = 3.62 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.869	-.099	-.10800	-.11340	-.11150	-.11450	-.10890	-.12820	-.12890	-.10120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 243/ 0 RN/L = 3.63 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.295	-4.037	-.12530	-.12750	-.13370	-.13040	-.13350	-.14890	-.15000	-.14370
.415	-.123	-.12300	-.12980	-.12740	-.12930	-.12510	-.14230	-.14390	-.12490
.709	4.095	-.13070	-.13470	-.13090	-.14480	-.12890	-.15430	-.15580	-.14480
	GRADIENT	-.00069	-.00091	-.00067	-.00182	00057	-.00069	-.00074	-.00017

RUN NO. 244/ 0 RN/L = 3.61 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.159	-.114	-.12170	-.12150	-.12790	-.13160	-.12680	-.14400	-.14690	-.13130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

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ARC97-044-11A82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (DE6087) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 245/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.460	-.104	-.07110	-.07830	-.08250	-.08210	-.06900	-.09140	-.09280	-.06140
	GRADIENT	.00000	.00000	00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 246/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.469	-4.026	-.09930	-.09700	-.10630	-.10680	-.09360	-.11730	-.11920	-.10930
.493	-.113	-.08720	-.08990	-.09450	-.09890	-.08280	-.10750	-.10980	-.09100
.484	3.952	-.10370	-.10990	-.11670	-.11940	-.09560	-.12730	-.12600	-.12090
	GRADIENT	-.00057	-.00164	-.00133	-.00160	-.00027	-.00128	-.00087	-.00149

RUN NO. 247/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.510	-.110	-.10220	-.10670	-.11000	-.11040	-.09540	-.11970	-.12220	-.11030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (DE6088) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 251/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.958	-.140	-.20280	-.20750	-.20680	-.18770	-.19920	-.21380	-.21390	-.21660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 252/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-.029	-4.025	-.19800	-.20770	-.18940	-.16590	-.21630	-.18880	-.22810	-.21580
.005	-.171	-.20710	-.20950	-.20760	-.16170	-.20050	-.20740	-.22070	-.21270
-.019	3.900	-.22040	-.21840	-.21610	-.19580	-.21160	-.24510	-.23120	-.23040
	GRADIENT	-.00281	-.00135	-.00334	-.00390	.00057	-.00707	-.00040	-.00185

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ARC97-044-11A82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (DE6088) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 1.550 PT = 30.700

RUN NO. 253/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.105	-.137	-.20470	-.20640	-.19390	-.14930	-.20250	-.19020	-.21440	-.19990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (DE6089) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 2.000 PT = 30.700

RUN NO. 254/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.651	-.089	-.08110	-.08570	-.08040	-.05440	-.08190	-.08250	-.09240	-.08820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 255/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.310	-4.033	-.03700	-.10360	-.09560	-.06910	-.10020	-.09950	-.11100	-.11670
.325	-.123	-.09870	-.09930	-.09210	-.06560	-.08690	-.08950	-.10050	-.08730
.335	3.9+5	-.10790	-.10870	-.10110	-.07810	-.09900	-.11470	-.11830	-.10910
	GRADIENT	-.00137	-.00065	-.00070	-.00114	.00013	-.00318	-.00094	.00091

RUN NO. 256/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.476	-.089	-.10440	-.10850	-.09190	-.07370	-.10070	-.09210	-.11080	-.09870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (DE6090) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 257/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.433	-.085	-.04730	-.05290	-.04500	-.02760	-.04780	-.05210	-.03080	-.05380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 259/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.468	-4.030	-.07470	-.07250	-.07120	-.05220	-.06510	-.06640	-.08350	-.06840
.523	-.119	-.07000	-.07260	-.05650	-.04050	-.05920	- 06650	-.07550	-.06330
.514	3.952	-.08470	-.08570	-.07840	-.06280	-.07420	-.08980	-.09320	-.08300
	GRADIENT	-.00127	-.00166	-.00093	-.00136	-.00116	-.00295	-.00124	.00064

RUN NO. 259/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.693	-.085	-.08310	-.08540	-.07110	-.05620	-.07200	-.06790	-.08820	-.07680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (DE6091) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 278/ 0 RN/L = 4.04 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.915	-.144	-.25080	.24950	-.25630	-.25920	-.25490	-.25990	-.24190	-.26810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 279/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.039	-4.086	-.26570	-.26710	-.27510	-.26590	-.27240	-.28570	-.24250	-.30060
.052	-.171	-.24980	-.24960	-.25440	-.25320	-.25230	-.25120	-.23030	-.27060
.066	3.897	-.26300	-.26110	-.26590	-.26740	-.26060	-.26050	-.25990	-.28570
	GRADIENT	.00031	.00073	.00113	-.00022	.00146	.00439	-.00221	.00169

ARC97-044-IIA82B OTS+DRAG RING(SRB=OFF MPS=OFF) (DE5D91) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 280/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.185	-.137	-.25460	-.25150	-.25710	-.25570	-.25470	-.24540	-.22830	-.27210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+DRAG RING(SRB=NOM MPS=NOM) (DE6D92) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 281/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.009	.140	-.19390	-.19780	-.20150	-.21380	-.21520	-.22520	-.22590	-.20360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 282/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.018	-.135	-.20380	-.21320	-.21580	-.22350	-.23650	-.24240	-.24670	-.23990
.021	-.137	-.20810	-.21710	-.21790	-.22670	-.22800	-.23570	-.23790	-.23160
4.024	-.140	-.21660	-.22470	-.23520	-.24600	-.24190	-.25690	-.25590	-.24870
	GRADIENT	-.00114	-.00146	-.00244	-.00283	-.00069	-.00184	-.00116	-.00102

RUN NO. 283/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.019	-.135	-.20360	-.19990	-.21620	-.22270	-.22860	-.23340	-.23650	-.22700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (DE6093) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 284/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-4.022	-.152	-.12350	-.13520	-.13750	-.16170	-.16290	-.18360	-.18410	-.11520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 285/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-.045	-4.085	-.13840	-.15370	-.15690	-.17420	-.19130	-.13870	-.20920	-.16400
-.032	-.171	-.12530	-.13210	-.14550	-.16700	-.16750	-.18430	-.18800	-.12700
-.052	3.897	-.14510	-.16460	-.16670	-.18550	-.17820	-.21250	-.19250	-.18130
	GRADIENT	-.00087	-.00141	-.00125	-.00144	.00161	-.00301	.00207	-.00224

RUN NO. 286/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
+.008	-.169	-.11680	-.12900	-.14110	-.15820	-.16890	-.17920	-.18180	-.12880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (DE6094) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 269/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-.597	-.092	-.19130	-.19130	-.19530	-.19060	-.17130	-.20700	-.20360	-.20670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.270	-4.036	-.21300	-.21430	-.21800	-.19810	-.19600	-.23920	-.22310	-.24490
.373	-.123	-.20420	-.20400	-.20750	-.20110	-.18260	-.21640	-.21270	-.21890
.353	3.945	-.21130	-.20950	-.22240	-.21720	-.17450	-.21460	-.23180	-.22070
	GRADIENT	.00020	.00059	-.00057	-.00240	.00289	.00306	-.00111	.00301

ARC97-044-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (DE6094) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 271/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.529	-.089	-.20900	-.20830	-.21320	-.20950	-.18610	-.21990	-.21810	-.22180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=NOM MPS=NOM) (DE6095) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 272/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.624	-.095	-.09070	-.09310	-.10040	-.09880	-.09900	-.10670	-.11240	-.09320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 273/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.250	-4.035	-.10630	-.09710	-.11050	-.11310	-.11430	-.12030	-.12890	-.12860
.333	-.123	-.09270	-.09260	-.10120	-.10480	-.10270	-.11180	-.11590	-.10560
.317	3.945	-.10660	-.11990	-.12470	-.12800	-.11830	-.13810	-.13090	-.13070
	GRADIENT	-.00006	-.00287	-.00181	-.00189	-.00052	-.00226	-.00027	-.00030

RUN NO. 274/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.476	-.092	-.10050	-.09720	-.10920	-.11320	-.10970	-.11920	-.12210	-.11760
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (DE6096) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 275/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.594	-.095	-.00550	-.01520	-.00930	-.02950	-.03140	-.05240	-.05570	.00380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 276/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.306	-4.033	-.04550	-.05330	-.05360	-.05950	-.06860	-.07050	-.08790	-.06490
.339	-.123	-.01860	-.02870	-.02510	-.03650	-.04070	-.05570	-.05940	-.00710
.317	3.945	-.04570	-.05300	-.04900	-.06240	-.05430	-.08150	-.06940	-.06020
	GRADIENT	-.00007	-.00000	.00053	-.00040	.00176	-.00141	.00229	.00050

RUN NO. 277/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.476	-.089	-.01690	-.02500	-.02990	-.03600	-.04380	-.05590	-.06060	-.02040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (DE6097) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 260/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.350	-.092	-.17140	-.17160	-.17950	-.17000	-.13480	-.18680	-.18470	-.18370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 261/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.595	-4.026	-.19350	-.19280	-.19320	-.17070	-.15350	-.20590	-.20010	-.20050
.613	-.116	-.18850	-.18850	-.19700	-.18430	-.14650	-.20070	-.20240	-.19660
.585	3.952	-.19320	-.19140	-.20480	-.19840	-.13880	-.19430	-.21190	-.20130
	GRADIENT	.00003	.00017	-.00083	-.00347	.00184	.00145	-.00148	-.00011

ARC97-044-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (DE6097) (22 JAN 76)

PEFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 262/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.710	-.082	-.19240	-.19220	-.19570	-.18950	-.14850	-.20750	-.20840	-.20170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=NOM MPS=NOM) (DE6098) (22 JAN 76)

PEFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 263/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.417	-.085	-.07100	-.07080	-.07570	-.07570	-.06400	-.07850	-.08200	-.06800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.529	-+.026	-.07700	-.06250	-.07830	-.08140	-.07010	-.08390	-.09340	-.08290
.540	-.116	-.06970	-.07120	-.07720	-.07820	-.06940	-.08240	-.08620	-.08080
.524	3.952	-.08470	-.09410	-.09610	-.09720	-.07950	-.10720	-.09570	-.10330
	GRADIENT	-.00098	-.00397	-.00225	-.00200	-.00119	+.00294	-.00030	-.00258

RUN NO. 265/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.637	-.082	-.07520	-.07060	-.07970	-.08260	-.07250	-.08840	-.08970	-.08640
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (DE6099) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 266/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
-3.417	-.092	.01850	.01380	.02140	.00410	.00500	-.01380	-.01650	.03170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
.494	-4.030	-.02620	-.02290	-.03330	-.03580	-.03000	-.03950	-.05420	-.03870
.547	-.116	-.00230	-.00940	-.00520	-.01370	-.01190	-.02850	-.03320	.01150
.528	3.952	-.02040	-.03120	-.02750	-.03740	-.02670	-.05150	-.04160	-.01310
	GRADIENT	.00069	-.00107	.00069	-.00024	.00039	-.00153	.00155	.00315

RUN NO. 268/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP112	CP113	CP114	CP121	CP122	CP123	CP124	CP131
4.667	-.082	-.00570	-.00950	-.01280	-.01730	-.01360	-.03070	-.03340	-.00280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (EE6001) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 1/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.871	-.150	-.22990	-.23600	-.23880	-.25740	-.25580
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 2/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.092	-4.091	-.23490	-.24120	-.22460	-.25970	-.26100
.099	-.171	-.21380	-.22410	-.21150	-.25500	-.25280
.089	3.900	-.20600	-.21200	-.24060	-.25640	-.25350
	GRADIENT	.00361	.00365	-.00204	.00041	.00093

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (EE6001) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 3/ 0 RN/L = 4.07 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.148	-.144	-.16490	-.20850	-.19470	-.25010	-.24820
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM- MPS=NOM) (EE6002) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 13/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.985	-.144	-.15980	-.16430	-.17140	-.21190	-.20210
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 14/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.019	-4.091	-.15040	-.16470	-.15660	-.22280	-.21740
-.008	-.181	-.14510	-.16170	-.15680	-.22090	-.19940
-.019	3.897	-.14900	-.15560	-.15580	-.21300	-.21860
	GRADIENT	.00017	.00114	.00010	.00123	-.00018

RUN NO. 15/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.152	-.140	-.11730	-.14310	-.13140	-.23510	-.20810
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (EE6003) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 4/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.965	-.144	-.13150	-.13280	-.14290	-.18930	-.17870
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 5/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.008	-4.088	-.11940	-.13040	-.12860	-.19930	-.19100
.002	-.181	-.11180	-.12450	-.12470	-.19960	-.17980
-.022	3.900	-.12580	-.13450	-.13050	-.19250	-.19880
	GRADIENT	-.00082	-.00053	-.00025	.00086	-.00100

RUN NO. 6/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.145	-.140	-.09510	-.11300	-.10460	-.21660	-.18700
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (EE6004) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 7/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.985	-.144	-.09050	-.09210	-.10900	-.15200	-.15130
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 8/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.042	-4.091	-.08040	-.08660	-.09020	-.17050	-.16270
-.015	-.178	-.07720	-.08740	-.08900	-.16940	-.15480
-.039	3.897	-.09440	-.09970	-.09660	-.15930	-.17260
	GRADIENT	-.00177	-.00165	-.00081	.00141	-.00126

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (EE6004) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 9/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.128	-.140	-.05620	-.07220	-.06670	-.18450	-.15700
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (EE6005) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 10/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.998	-.144	-.03510	-.04780	-.05080	-.08160	-.10180
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 11/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.049	-4.088	-.02880	-.03300	-.04150	-.11610	-.12630
-.032	-.181	-.01560	-.02360	-.03430	-.10960	-.11140
-.042	3.897	-.04180	-.04180	-.03660	-.10710	-.13650
	GRADIENT	-.00166	-.00113	.00061	.00112	-.00131

RUN NO. 12/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.112	-.140	-.00090	-.01410	-.02030	-.12320	-.11480
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=VARY MPS=NOM) (EE6006) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 1.550
PT = 30.700

RUN NO. 70/ 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SRBCPR	CP141	CP142	CP143	CP144	CP145
.029	117.220	-.13190	-.14600	-.14430	-.21530	-.19340
.029	129.540	-.12220	-.13620	-.13580	-.20910	-.18740
.032	165.910	-.10480	-.11690	-.11710	-.19530	-.17840
.019	186.370	-.09270	-.10520	-.10600	-.18530	-.16820
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM-) (EE6007) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 66/ 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.931	-.150	-.13910	-.14110	-.15390	-.20710	-.19740
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 67/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.015	-4.101	-.13110	-.14460	-.13910	-.21610	-.20710
.015	-.184	-.12520	-.14120	-.14040	-.21850	-.19780
.002	3.903	-.13890	-.14600	-.14400	-.21450	-.21910
	GRADIENT	-.00099	-.00018	-.00061	.00021	-.00153

RUN NO. 68/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.102	-.147	-.10600	-.12960	-.11990	-.23990	-.20730
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM+) (EE6008) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 16/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.995	-.144	-.12460	-.12540	-.13330	-.17680	-.16640
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 17/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.042	-4.031	-.10930	-.11920	-.11800	-.18780	-.17840
-.022	-.181	-.10030	-.11130	-.11150	-.18360	-.16430
-.045	3.997	-.11640	-.12390	-.12140	-.17660	-.18110
	GRADIENT	-.00091	-.00061	-.00044	.00140	-.00036

RUN NO. 18/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.092	-.140	-.07900	-.09740	-.08850	-.19440	-.16840
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=VARY) (EE6009) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 1.550
PT = 30.700

RUN NO. 69/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MPSCPR	CP141	CP142	CP143	CP144	CP145
.052	323.390	-.12080	-.13780	-.13640	-.21290	-.19260
.052	321.670	-.11590	-.13120	-.12970	-.20620	-.18620
.032	303.160	-.10720	-.12040	-.12180	-.19470	-.17390
.032	326.790	-.10440	-.11700	-.11730	-.19000	-.17070
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=OFF MPS=OFF) (EE6010) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 19/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.580	-.095	-.18170	-.16440	-.17320	-.18970	-.18930
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 20/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.374	-4.043	-.23010	-.15030	-.14240	-.20020	-.20460
.387	-.136	-.19320	-.15130	-.16000	-.19770	-.19950
.374	3.945	-.13730	-.13860	-.20930	-.20430	-.20210
	GRADIENT	.01163	.00148	-.00840	-.00052	.00031

RUN NO. 21/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.540	-.095	-.18900	-.14650	-.16890	-.20170	-.20340
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM- MPS=NOM) (EE6011) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 55/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.627	-.095	-.08490	-.08190	-.08740	-.10550	-.10940
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 56/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.350	-4.046	-.08620	-.08220	-.08420	-.12710	-.11490
.325	-.132	-.07320	-.07230	-.07430	-.12010	-.11080
.313	3.952	-.08160	-.07960	-.07940	-.12680	-.13020
	GRADIENT	.00056	.00031	.00059	.00003	-.00193

ARC97-044-11A82B OTS+RAKES(SRB=NOM- MPS=NOM) (EE6011) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 57/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.463	-.095	-.07110	-.07220	-.06670	-.13090	-.12320
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (EE6012) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 46/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.604	-.095	-.05150	-.05170	-.05540	-.06960	-.08350
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 47/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.327	-4.049	-.04650	-.03750	-.04930	-.10150	-.08910
.353	-.132	-.03760	-.03390	-.03920	-.09410	-.08710
.333	3.952	-.04900	-.04930	-.05160	-.09920	-.10740
	GRADIENT	-.00033	-.00149	-.00031	.00028	-.00231

RUN NO. 48/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.493	-.092	-.02740	-.02740	-.02760	-.10630	-.09170
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (EE6013) (22 JAN 76)

REFERENCE DATA

SREF = 2630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 49/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.624	-.095	-.01320	-.01450	-.01420	-.02600	-.04110
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 50/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.327	-4.049	.00090	.00830	-.01110	-.00940	-.06120
.339	-.132	-.00650	-.00720	-.01190	-.06250	-.06070
.320	3.949	-.00690	-.01520	-.00930	-.06000	-.07890
	GRADIENT	-.00223	-.00293	.00023	.00117	-.00222

RUN NO. 51/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.459	-.095	.00890	.00710	-.00030	-.08080	-.06410
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (EE6014) (22 JAN 76)

REFERENCE DATA

SREF = 2630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 52/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.627	-.095	.04880	.05050	.05340	.02530	.02770
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 53/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.310	-4.046	.09310	.08500	.07300	.01050	-.00840
.333	-.132	.07520	.07080	.06540	.02980	.00830
.330	3.949	.04750	.05060	.05120	-.01520	- 01890
	GRADIENT	-.00571	-.00431	-.00273	-.00347	-.00135

ARC97-044-1IA82B OTS+RAKES(SRB=NOM++ MPS=NOM) (EE6014) (22 JAN 76)

REFERENCE DATA

SREF = 7690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1990.3000 IN. YMRP = .0000 IN. YT
BREF = 1990.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 54/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.509	-.095	.09740	.08180	.06660	.01960	-.00370
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=VARY MPS=NOM) (EE6015) (22 JAN 76)

REFERENCE DATA

SREF = 7690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1990.3000 IN. YMRP = .0000 IN. YT
BREF = 1990.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.000
PT = 30.700

RUN NO. 65/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SRBCRP	CP141	CP142	CP143	CP144	CP145
.300	228.360	-.05730	-.05550	-.05790	-.10870	-.10100
.376	253.320	-.05020	-.04760	-.05170	-.10330	-.09630
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=NOM MPS=NOM-) (EE6016) (22 JAN 76)

REFERENCE DATA

SREF = 7690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1990.3000 IN. YMRP = .0000 IN. YT
BREF = 1990.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 81/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.641	-.095	-.06320	-.06100	-.06470	-.08810	-.08570
	GRADIENT	.00000	.00000	.00000	.00000	.00000

APC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM-) (EE6016) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 62/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.306	-4.046	-.05910	-.05540	-.06280	-.11220	-.09540
.319	-.135	-.05570	-.06530	-.06540	-.11260	-.10380
.310	3.952	-.06120	-.05880	-.05760	-.11130	-.11960
	GRADIENT	-.00027	-.00041	.00066	.00011	-.00303

RUN NO. 63/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.409	-.098	-.04500	-.04540	-.04240	-.12210	-.10810
	GRADIENT	.00000	.00000	.00000	.00000	.00000

APC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (EE6017) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 58/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.651	-.098	-.03220	-.03460	-.03660	-.04990	-.06340
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 59/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.306	-4.046	-.02050	-.01280	-.02680	-.08310	-.07500
.313	-.132	-.01630	-.01240	-.01740	-.07250	-.06680
.310	3.949	-.03110	-.02910	-.02070	-.06830	-.08090
	GRADIENT	-.00134	-.00205	.00075	.00185	-.00076

RUN NO. 60/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.493	-.095	-.00700	-.00040	-.00560	-.08440	-.06930
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (EE6018) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.000
PT = 30.700

RUN NO. 64/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MPSCPR	CP141	CP142	CP143	CP144	CP145
.386	388.100	-.04240	-.03990	-.04370	-.09970	-.09190
.373	431.630	-.04000	-.03690	-.04260	-.09660	-.08960
.366	618.070	-.03090	-.02480	-.02890	-.08460	-.07860
.369	735.140	-.02080	-.01520	-.02130	-.07680	-.07150
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (EE6019) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 22/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.373	-.069	-.17350	-.14470	-.15050	-.16990	-.17120
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 23/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.591	-4.036	-.20000	-.14320	-.15260	-.18480	-.18890
.600	-.126	-.20350	-.13700	-.16820	-.18260	-.18330
.585	3.952	-.13700	-.13220	-.19740	-.18820	-.18570
	GRADIENT	.00795	.00138	-.00562	-.00043	.00039

RUN NO. 24/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.757	-.089	-.18540	-.12880	-.16210	-.18190	-.18400
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM- MPS=NOM) (EE6020) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 34/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.410	-.092	-.04990	-.04500	-.05180	-.07200	-.07530
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 35/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.528	-4.045	-.05780	-.04770	-.05740	-.09830	-.08880
.547	-.132	-.05130	-.04150	-.04530	-.09380	-.08480
.521	3.958	-.06050	-.05530	-.05630	-.10390	-.10540
	GRADIENT	-.00035	-.00102	.00012	-.00071	-.00210

RUN NO. 36/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.637	-.088	-.05060	-.04720	-.04200	-.09870	-.09270
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (EE6021) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 25/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.413	-.089	-.02060	-.02020	-.02190	-.03520	-.05350
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 26/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.548	-4.036	-.01260	-.00200	-.02330	-.07450	-.06720
.550	-.129	-.02170	-.01190	-.01860	-.07320	-.06340
.528	3.949	-.02540	-.01890	-.01790	-.07470	-.08160
	GRADIENT	-.00160	-.00211	.00067	-.00003	-.00182

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (EE6021) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 27/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.643	-.089	-.01800	-.02380	-.02220	-.08320	-.07260
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (EE6022) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 28/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.410	-.092	.03370	.02980	.03480	.01500	-.00320
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 29/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.588	-4.036	.06210	.05980	.04170	-.01670	-.02260
.547	-.129	.01770	.01460	.00960	-.03340	-.02920
.531	3.949	.01300	.02130	.03290	-.02440	-.04780
	GRADIENT	-.00611	-.00477	-.00105	-.00094	-.00317

RUN NO. 30/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.647	-.089	.02530	.02220	.03310	-.04420	-.03610
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=NOM++ MPS=NOM) (EE6023) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 31/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.413	-.092	.08140	.08450	.08280	.06490	.05160
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 32/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.548	-4.036	.10430	.10410	.08690	.02790	.02270
.567	-.126	.08320	.07880	.05920	.04120	.01140
.548	3.949	.05760	.06340	.06780	.00890	-.00220
	GRADIENT	-.00585	-.00509	-.00236	-.00242	-.00312

RUN NO. 33/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.650	-.092	.08590	.07930	.07390	.03760	.01670
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=VARY MPS=NOM) (EE6024) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.200
PT = 30.700

RUN NO. 45/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SRBCPR	CP141	CP142	CP143	CP144	CP145
.577	294.710	-.04010	-.02980	-.03330	-.08580	-.07800
.580	332.710	-.02940	-.01960	-.02420	-.07710	-.07070
.577	455.270	-.00420	-.00070	-.00650	-.05630	-.05230
.577	553.530	.02390	.02120	.01620	-.03000	-.03460
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM-) (EE6025) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30 700

RUN NO. 40/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.420	-.092	-.03890	-.03510	-.03910	-.05350	-.07040
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 41/ 0 RN/L = 3.22 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.521	-4.042	-.04340	-.03300	-.04470	-.09230	-.07880
.520	-.125	-.03830	-.03100	-.03750	-.08910	-.08090
.524	3.958	-.04610	-.03710	-.03540	-.09320	-.09930
	GRADIENT	-.00035	-.00052	.00116	-.00012	-.00258

RUN NO. 42/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.643	-.088	-.03660	-.03600	-.03730	-.10120	-.09430
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (EE6026) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 37/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.433	-.092	-.00550	-.00840	-.00880	-.02930	-.04160
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 39/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.508	-4.042	.01630	.01050	-.01370	-.06350	-.05010
.523	-.125	-.00420	.00080	-.00710	-.05840	-.05000
.514	3.955	-.01620	-.01060	-.00660	-.06080	-.06440
	GRADIENT	-.00281	-.00264	.00088	.00033	-.00056

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (EE6026) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 39/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.637	-.092	-.00890	-.01510	-.01510	-.06950	-.05760
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (EE6027) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.200
PT = 30.700

RUN NO. 43/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MPSCPR	CP141	CP142	CP143	CP144	CP145
.600	521.860	-.03310	-.02560	-.02970	-.08270	-.07600
.590	625.620	-.02680	-.01850	-.02290	-.07630	-.07040
.583	902.330	-.01210	-.00480	-.01090	-.06430	-.05700
.577	1056.000	-.00580	-.00060	-.00770	-.05940	-.05310
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6028) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 113/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.905	-.150	-.22060	-.24200	-.24580	-.25470	-.25020
	GRADIENT	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6028) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 114/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.055	-4.085	-.23370	-.24180	-.23420	-.26850	-.26910
.052	-2.140	-.22130	-.23650	-.23680	-.26310	-.26450
.072	-.171	-.21390	-.23160	-.21750	-.25460	-.25260
.055	1.887	-.22400	-.23780	-.24450	-.26270	-.25710
.052	3.903	-.21470	-.22200	-.24710	-.25780	-.25240
	GRADIENT	.00175	.00191	-.00170	.00108	.00203

RUN NO. 115/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.212	-.144	-.16780	-.20650	-.19960	-.25150	-.24840
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM- MPS=NOM) (EE6029) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 119/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.992	-.150	-.16530	-.17290	-.18010	-.22180	-.20670
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 120/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.022	-4.085	-.15170	-.16770	-.16620	-.23900	-.22360
-.022	-.169	-.15120	-.17090	-.16970	-.23780	-.21790
-.022	3.906	-.15650	-.16470	-.16870	-.23490	-.23550
	GRADIENT	-.00096	.00038	-.00031	.00051	-.00151

APC97-044-11A82B OTS(SRB=NOM- MPS=NOM) (EE6029) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1230.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 121/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.135	-.144	-.11690	-.13550	-.13800	-.24950	-.23090
	GRADIENT	.00000	.00000	.00000	.00000	.00000

APC97-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6030) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1230.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 116/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.978	-.147	-.13570	-.13880	-.15110	-.19820	-.18780
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 117/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.022	-4.085	-.12180	-.13420	-.13630	-.21890	-.20310
-.018	-2.140	-.11750	-.12950	-.13300	-.21540	-.19290
-.022	-.171	-.11550	-.12800	-.13430	-.21180	-.19380
-.042	1.887	-.12250	-.13260	-.13730	-.21300	-.20390
-.039	3.903	-.13310	-.14100	-.14010	-.20980	-.21620
	GRADIENT	-.00140	-.00085	-.00060	.00103	-.00188

RUN NO. 118/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.128	-.147	-.09450	-.10970	-.11130	-.23120	-.20920
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM+ MPS=NOM) (EE6031) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 1.550 PT = 30.700

RUN NO. 124/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-4.035	-.169	-.09910	-.10170	-.11120	-.15850	-.15910
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 122/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-4.028	-.147	-.09710	-.10000	-.11660	-.15950	-.16490
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 123/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.055	-4.085	-.08470	-.09020	-.09960	-.19210	-.18240
-.053	-.171	-.08320	-.09190	-.09920	-.18210	-.17330
-.055	3.903	-.10250	-.10880	-.10870	-.17420	-.19460
	GRADIENT	-.00225	-.00233	-.00115	.00224	-.00155

ARC97-044-11A82B OTS(SRB=NOM++ MPS=NOM) (EE6032) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 1.550 PT = 30.700

RUN NO. 125/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-4.032	-.155	-.04000	-.05420	-.05910	-.08970	-.12270
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 126/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.076	-4.085	-.03120	-.03510	-.04500	-.13340	-.15230
-.058	-.168	-.02360	-.03260	-.04480	-.12390	-.14020
-.059	3.906	-.04650	-.04310	-.03980	-.11900	-.15910
	GRADIENT	-.00194	-.00101	.00078	.00180	-.00088

ARC97-044-IIA82B OTS(SRB=NOM++ MPS=NOM) (EE6032) (22 JAN 76)

REFERENCE DATA

SREF = 2030.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 127/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.015	-.169	-.00170	-.01020	-.02310	-.13670	-.14250
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM-) (EE6033) (22 JAN 76)

REFERENCE DATA

SREF = 2030.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 128/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.018	-.165	-.14370	-.14840	-.15910	-.21530	-.20090
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 129/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.042	-4.082	-.13540	-.15020	-.15050	-.24030	-.22340
-.038	-.168	-.12870	-.14500	-.15040	-.23330	-.20970
-.052	3.906	-.14410	-.15070	-.14980	-.22920	-.23760
	GRADIENT	-.00111	-.00007	.00009	.00139	-.00181

RUN NO. 130/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.025	-.171	-.10390	-.12120	-.12490	-.25650	-.23190
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM+) (EE6034) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 131/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-4.018	-.165	-.12750	-.13010	-.13690	-.17920	-.17020
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 132/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.055	-4.082	-.11050	-.12060	-.12370	-.20030	-.18850
-.045	-.168	-.10490	-.11590	-.12050	-.19320	-.17760
-.059	3.906	-.12470	-.13250	-.13260	-.19240	-.19630
	GRADIENT	-.00180	-.00151	-.00113	.00098	-.00100

RUN NO. 133/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.065	-.171	-.08450	-.09770	-.09770	-.20910	-.19810
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6035) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.581	-.117	-.19170	-.16930	-.17600	-.19220	-.19290
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (EE6035) (22 JAN 76)

REFERENCE DATA

SREF = 6690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1200.0000 IN. YMRP = .0000 IN. YT
BREF = 1200.0000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.317	-4.039	-.24380	-.15610	-.14700	-.20560	-.21250
.385	-2.060	-.23990	-.17660	-.16110	-.20390	-.20940
.396	-.123	-.19930	-.16240	-.19490	-.20540	-.20500
.380	1.935	-.15500	-.15530	-.22300	-.20570	-.20140
.374	3.955	-.14370	-.14740	-.22310	-.20930	-.20570
	GRADIENT	.01422	.00195	-.01070	-.00046	.00097

RUN NO. 94/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.479	-.098	-.20000	-.15130	-.19370	-.20810	-.20920
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM- MPS=NOM) (EE6036) (22 JAN 76)

REFERENCE DATA

SREF = 6690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1200.0000 IN. YMRP = .0000 IN. YT
BREF = 1200.0000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 98/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.651	-.102	-.08560	-.08920	-.08820	-.10520	-.11020
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 99/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.297	-4.039	-.09340	-.08920	-.09050	-.13590	-.12680
.313	-.123	-.07790	-.07800	-.08050	-.12630	-.11750
.293	3.955	-.08510	-.09000	-.09010	-.13600	-.13180
	GRADIENT	.00176	-.00012	.00003	-.00003	-.00065

AR097-044-11A82B OTS(SRB=NOM- MPS=NOM) (EE6036) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .010

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 100/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.429	-.098	-.07140	-.07230	-.07190	-.13740	-.12950
	GRADIENT	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6037) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 978.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .010

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 95/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.647	-.102	-.05170	-.05700	-.05740	-.07190	-.08590
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 96/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.306	-4.039	-.05150	-.04490	-.05130	-.11320	-.10140
.293	-2.091	-.03810	-.03330	-.04180	-.10450	-.09550
.309	-.123	-.03780	-.03470	-.03780	-.09610	-.09310
.303	1.935	-.05910	-.06330	-.05580	-.09610	-.10150
.296	3.952	-.04730	-.04600	-.04570	-.11220	-.11700
	GRADIENT	-.00065	-.00163	-.00016	.00050	-.00189

RUN NO. 97/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.493	-.098	-.02720	-.02630	-.03210	-.11290	-.10160
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM+ MPS=NOM) (EE6038) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 101/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.554	-.098	-.01380	-.01810	-.01680	-.03250	-.05440
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 102/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.293	-4.040	-.00290	-.00070	-.00900	-.08240	-.07670
.316	-.123	-.01630	-.01940	-.02480	-.07330	-.07720
.293	3.955	-.01690	-.01520	-.01350	-.07650	-.09500
	GRADIENT	-.00174	-.00179	-.00054	.00073	-.00230

RUN NO. 103/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.443	-.095	.01530	.01490	.00570	-.07840	-.07290
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM++ MPS=NOM) (EE6039) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 104/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.637	-.098	.04420	.04290	.04730	.01260	.01190
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 105/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.290	-4.040	.08630	.07840	.06510	-.00040	-.02750
.316	-.123	.07030	.06600	.05980	.01970	-.00150
.303	3.955	.04060	.04460	.04370	-.02980	-.03660
	GRADIENT	-.00573	-.00423	-.00269	-.00374	-.00119

ARC97-044-11A82B OTS(SRB=NOM++ MPS=NOM) (EE6039) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 106/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.479	-.095	.09830	.08850	.06890	.01590	-.01010
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM-) (EE6040) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 107/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.661	-.098	-.06120	-.06710	-.06760	-.08550	-.09840
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 108/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.283	-4.036	-.06420	-.05960	-.06590	-.12710	-.11030
.293	-.123	-.05430	-.05430	-.05890	-.11470	-.10900
.290	3.955	-.06210	-.06360	-.06730	-.13050	-.13380
	GRADIENT	.00025	-.00051	-.00019	-.00045	-.00296

RUN NO. 109/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.436	-.095	-.04810	-.05180	-.05180	-.13 10	-.12230
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=NOM MPS=NOM+) (EE6041) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = [illegible]

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 110/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.691	-.098	-.03470	-.03980	-.04000	-.05480	-.06470
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 111/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.236	-4.036	-.03110	-.02410	-.03200	-.09370	-.08880
.289	-.123	-.01790	-.01690	-.02010	-.07750	-.07470
.256	3.955	-.03230	-.03180	-.03010	-.08280	-.08840
	GRADIENT	-.00017	-.00098	.00022	.00135	.00003

RUN NO. 112/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.389	-.098	-.00660	-.00270	-.00810	-.08850	-.07720
	GRADIENT	.00000	.00000	.00000	.00000	.00000

APC97-044-1IA82B OTS(SRB=OFF MPS=OFF) (EE6042) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 71/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.363	-.098	-.17460	-.15680	-.17730	-.17370	-.17270
	GRADIENT	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6042) (22 JAN 76)

REFERENCE DATA

SREF = 2630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 72/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.585	-4.036	-.21570	-.17730	-.15460	-.19030	-.19510
.597	-2.085	-.22090	-.18440	-.16720	-.18960	-.19330
.597	-.113	-.21320	-.16380	-.18090	-.18920	-.18960
.594	1.945	-.14890	-.14100	-.20550	-.19170	-.18960
.565	3.961	-.14230	-.13810	-.20890	-.19530	-.19430
	GRADIENT	.01098	.00610	-.00734	-.00061	.00026

RUN NO. 73/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.733	-.092	-.20200	-.14880	-.17350	-.18810	-.19160
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM- MPS=NOM) (EE6043) (22 JAN 76)

REFERENCE DATA

SREF = 2630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 74/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.433	-.092	-.05610	-.05470	-.05800	-.07700	-.08160
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 75/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.514	-4.033	-.07240	-.05700	-.06110	-.10600	-.09890
.523	-.113	-.05160	-.04970	-.05280	-.09920	-.09190
.511	3.961	-.06610	-.06300	-.07610	-.11660	-.11050
	GRADIENT	.00077	-.00077	-.00190	-.00135	-.00147

ARC97-044-1IA82B OTS(SRB=NOM- MPS=NOM) (EE6043) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 76/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.620	-.092	-.05370	-.05010	-.04860	-.10690	-.10020
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=NOM MPS=NOM) (EE6044) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 77/ 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.450	-.095	-.02420	-.02590	-.02650	-.04420	-.06010
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 78/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.508	-4.033	-.02350	-.01390	-.02790	-.08600	-.08120
.507	-2.088	-.01580	-.00740	-.01890	-.07720	-.07150
.510	-.116	-.02160	-.01410	-.01950	-.07550	-.07110
.507	1.945	-.03470	-.03470	-.03150	-.07320	-.07530
.504	3.961	-.03030	-.02460	-.02480	-.09010	-.09300
	GRADIENT	-.00164	-.00245	-.00033	-.00023	-.00140

RUN NO. 79/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.627	-.089	-.02370	-.03230	-.02850	-.09200	-.08320
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=NOM+ MPS=NOM) (EE6045) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 80/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.450	-.092	.02750	.02330	.02670	-.00320	-.02140
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 81/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.491	-4.033	.04680	.04660	.03230	-.03640	-.04420
.507	-.116	.04830	.04290	.03630	-.00690	-.02630
.489	3.961	.00950	.01880	.02990	-.03980	-.06140
	GRADIENT	-.00470	-.00349	-.00031	-.00048	-.00220

RUN NO. 82/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.613	-.092	.01710	.00880	.01960	-.05720	-.05300
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=NOM++ MPS=NOM) (EE6046) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 83/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.440	-.095	.07810	.07980	.08060	.05240	.03590
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 84/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.511	-4.033	.09710	.09790	.08210	.01880	.00880
.507	-.116	.08840	.08360	.07070	.05450	.01880
.511	4.031	.01910	.01940	.01940	.08070	-.00880
	GRADIENT	-.00519	-.00421	-.00244	-.00234	-.00196

ARC97-044-11A82B OTS(SRB=NOM++ MPS=NOM) (EE6046) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 85/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.647	-.089	.08290	.07310	.08160	.01820	-.00180
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM-) (EE6047) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 86/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.440	-.092	-.03930	-.04050	-.04320	-.05780	-.07660
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 87/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.463	-4.033	-.05050	-.04010	-.04740	-.10480	-.09160
.507	-.116	-.03870	-.03370	-.04120	-.09480	-.08920
.45+	3.961	-.04800	-.04240	-.04660	-.11060	-.11290
	GRADIENT	.00029	-.00030	.00009	-.00075	-.00269

RUN NO. 88/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.623	-.089	-.03490	-.03760	-.03950	-.10900	-.10080
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A623 OTS(SRB=NOM MPS=NOM+) (EE6048) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 89/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.480	-.092	-.00500	-.00790	-.00830	-.03540	-.04310
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 90/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.468	-4.033	-.00120	-.00030	-.01990	-.07160	-.06950
.487	-.113	.00000	.00130	-.00480	-.06200	-.05510
.464	3.961	-.01730	-.01230	-.01030	-.07050	-.07150
	GRADIENT	-.00203	-.00151	.00118	.00012	-.00028

RUN NO. 91/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.597	-.120	-.01260	-.02360	-.02010	-.07500	-.06520
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A828 OTS(SRB=OFF MPS=OFF) (EE6049) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 134/ 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.952	-.165	-.23270	-.25010	-.24820	-.27020	-.26770
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 135/ 0 RN/L = 4.15 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.001	-4.062	-.23580	-.24330	-.23750	-.28030	-.28230
.018	-.168	-.21690	-.23370	-.21580	-.26770	-.26760
.001	3.986	-.21630	-.22480	-.24240	-.27140	-.26610
	GRADIENT	.00235	.00232	-.00065	.00110	.00202

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6049) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.
LREF = 1230.3000 IN.
BREF = 1230.3000 IN.
SCALE = .0100

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 400.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 136/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.088	-.169	-.17160	-.21260	-.19790	-.26520	-.26260
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6050) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.
LREF = 1230.3000 IN.
BREF = 1230.3000 IN.
SCALE = .0100

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 400.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 137/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-4.055	-.165	-.14360	-.14890	-.15940	-.22040	-.20520
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 138/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.112	-4.082	-.12710	-.14200	-.14470	-.23800	-.22010
-.095	-.169	-.12910	-.14190	-.14270	-.23000	-.21230
-.112	3.906	-.14040	-.14700	-.14430	-.22790	-.23290
	GRADIENT	-.00167	-.00063	.00005	.00126	-.00163

RUN NO. 139/ 0 RN/L = 4.04 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
3.978	-.165	-.09920	-.11730	-.11790	-.24540	-.22330
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (EE6051) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 143/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.707	-.117	-.19730	-.17810	-.17750	-.20570	-.20880
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 144/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.263	-4.030	-.24670	-.16180	-.15300	-.21860	-.22570
.269	-.120	-.20150	-.16650	-.18960	-.21770	-.21940
.263	3.952	-.15450	-.15470	-.22570	-.22580	-.22360
	GRADIENT	.01155	.00090	-.00911	-.00091	.00025

RUN NO. 145/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.339	-.095	-.19890	-.15520	-.18890	-.22130	-.22310
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (EE6052) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 140/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.741	-.114	-.06580	-.06710	-.06710	-.09470	-.09400
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 141/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.219	-4.033	-.05930	-.05710	-.06160	-.12450	-.11380
.243	-.120	-.06020	-.07250	-.06950	-.12260	-.11670
.223	3.952	-.06190	-.05870	-.06040	-.13000	-.13560
	GRADIENT	-.00033	-.00018	.00016	-.00070	-.00274

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6052) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 142/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.276	-.117	-.04570	-.04530	-.04980	-.13060	-.12130
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6053) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 146/ 0 RN/L = 3.44 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.463	-.107	-.17830	-.16070	-.18490	-.18860	-.18360
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 147/ 0 RN/L = 3.43 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.511	-4.030	-.22260	-.17690	-.15720	-.20190	-.20810
.517	-.116	-.21760	-.16000	-.18510	-.20150	-.20270
.5.1	3.955	-.14630	-.14280	-.21370	-.20600	-.20550
	GRADIENT	.00961	.00427	-.00708	-.00052	.00031

RUN NO. 148/ 0 RN/L = 3.42 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.557	-.110	-.20700	-.14920	-.17750	-.20190	-.20540
	GRADIENT	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6054) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 149/ 0 RN/L = 3.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.510	-.104	-.03630	-.03700	-.03960	-.06280	-.07350
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 150/ 0 RN/L = 3.37 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.451	-4.030	-.03640	-.02790	-.04 30	-.10170	-.09490
.447	-.113	-.03960	-.03270	-.0 790	-.09490	-.08930
.431	3.952	-.04520	-.03940	-.03900	-.10150	-.10690
	GRADIENT	-.00110	-.00144	.00029	.00001	-.00152

RUN NO. 151/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.427	-.107	-.03660	-.04970	-.04720	-.10890	-.10330
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6055) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 154/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-4.008	-.165	-.22850	-.24650	-.24400	-.26490	-.26200
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 153/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.015	-4.082	-.23100	-.23910	-.23480	-.27460	-.27690
.018	-.147	-.21320	-.22870	-.21180	-.26310	-.26190
-.012	3.900	-.21410	-.22100	-.23900	-.26500	-.26030
	GRADIENT	.00211	.00227	-.00056	.00119	.00207

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6055) (22 JAN 76)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .010

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 152/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.065	-.165	-.17000	-.21060	-.19570	-.26080	-.25850
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6055) (22 JAN 76)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 155/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-4.038	-.159	-.14070	-.14520	-.15650	-.21380	-.19990
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 156/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.076	-4.088	-.12730	-.14200	-.14260	-.23400	-.21560
-.062	-.178	-.12290	-.14130	-.13820	-.22360	-.20710
-.102	3.900	-.13710	-.14560	-.14270	-.22340	-.22840
	GRADIENT	-.00124	-.00045	-.00002	.00132	-.00163

RUN NO. 157/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.048	-.140	-.09800	-.11520	-.11410	-.24080	-.21980
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (EE6057) (22 JAN 76)

REFERENCE DATA

SREF = 2630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1201.3200 IN. YMRP = .0000 IN. YT
BREF = 1390.7000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 158/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.682	-.095	-.18480	-.17070	-.17020	-.19740	-.19940
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 159/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.276	-4.040	-.23350	-.15440	-.14680	-.21150	-.21870
.305	-.130	-.19240	-.16000	-.17960	-.20910	-.21040
.312	3.945	-.14590	-.14570	-.21720	-.21640	-.21570
	GRADIENT	.01160	.00111	-.00882	-.00062	.00036

RUN NO. 160/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
+.368	-.093	-.19610	-.14710	-.18200	-.21550	-.21790
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (EE6058) (22 JAN 76)

REFERENCE DATA

SREF = 2630.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1201.3200 IN. YMRP = .0000 IN. YT
BREF = 1390.7000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 161/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.709	- 096	-.05390	-.05980	-.05920	-.08130	-.09130
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 162/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.285	-4.037	-.05410	-.05010	-.05500	-.12060	-.10930
.305	- 130	-.04580	-.04460	-.04960	-.11090	-.10470
.315	3.945	-.05580	-.05350	-.05750	-.12310	-.12840
	GRADIENT	-.00023	-.00044	-.00032	-.00033	-.00242

ARC97-044-1IA82B OTS(SRB=NOM MPS=NOM) (EE6058) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 163/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.421	-1.093	-.03440	-.03670	-.03800	-.12150	-.11160
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=OFF MPS=OFF) (EE6059) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 164/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.483	-1.086	-.17260	-.15180	-.17510	-.18000	-.18000
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 165/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.478	-4.030	-.21420	-.16630	-.14980	-.19370	-.19940
.487	-1.126	-.21060	-.15310	-.17770	-.19270	-.19520
.471	3.951	-.13800	-.13430	-.20620	-.19940	-.19940
	GRADIENT	.00961	.00401	-.00707	-.00072	-.00001

RUN NO. 166/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.613	-1.082	-.20130	-.14130	-.17130	-.19470	-.19920
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=NOM MPS=NOM) (EE6060) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 167/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.510	-.089	-.02660	-.02760	-.02900	-.05380	-.06590
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 168/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.317	-4.030	.02940	-.01900	-.03190	-.09320	-.08670
.463	-.126	-.02830	-.02130	-.02950	-.08590	-.07930
.441	3.955	-.03720	-.03130	-.03210	-.09290	-.09830
	GRADIENT	-.00039	-.00155	-.00003	.00002	-.00148

RUN NO. 169/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.547	-.086	-.02800	-.03890	-.03370	-.10030	-.08960
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=OFF MPS=OFF) (EE6061) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 170/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.971	-.153	-.22440	-.24240	-.23760	-.27480	-.27210
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6061) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1090.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 171/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.008	-4.076	-.22930	-.23660	-.23080	-.28370	-.28570
-.015	-2.130	-.21230	-.23090	-.22640	-.28090	-.28270
.002	-.168	-.20720	-.22770	-.20810	-.27480	-.27470
-.008	1.893	-.21460	-.23020	-.21570	-.27940	-.27580
-.015	3.903	-.20930	-.21660	-.22460	-.27450	-.27080
	GRADIENT	.00187	.00204	.00113	.00099	.00183

RUN NO. 172/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.135	-.137	-.16410	-.20270	-.18820	-.26700	-.26500
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6062) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1090.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 173/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-4.011	-.140	-.14120	-.14730	-.15530	-.22500	-.21080
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 174/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.075	-4.073	-.12930	-.14540	-.14510	-.23980	-.22480
-.075	-2.130	-.12730	-.13950	-.14170	-.23970	-.21290
-.071	-.168	-.12930	-.14580	-.13890	-.23410	-.22060
-.092	1.890	-.12700	-.13750	-.13610	-.23170	-.23140
-.089	3.903	-.13940	-.14420	-.14050	-.22910	-.23710
	GRADIENT	-.00100	.00022	.00074	.00147	-.00218

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6062) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 175/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.055	-.140	-.09960	-.12040	-.11660	-.24570	-.22820
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6063) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.690	-.092	-.17540	-.16810	-.15530	-.20090	-.20350
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 177/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.257	-4.027	-.23800	-.15450	-.14490	-.21600	-.22330
.264	-2.082	-.23250	-.15220	-.14260	-.21180	-.21920
.300	-.120	-.18720	-.15530	-.16290	-.21260	-.21680
.277	1.938	-.13830	-.14140	-.19080	-.21500	-.21540
.274	3.951	-.14350	-.14050	-.20380	-.21780	-.21910
	GRADIENT	.01413	.00195	-.00833	-.00035	.00060

RUN NO. 178/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.459	-.095	-.18710	-.14280	-.16460	-.21680	-.22200
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6064) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 179/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.716	-.095	-.05280	-.05720	-.05730	-.09220	-.09490
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 180/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.244	-4.027	-.05630	-.05260	-.05750	-.12650	-.11430
.240	-2.082	-.04370	-.03970	-.04790	-.11760	-.10870
.257	-.120	-.04920	-.05610	-.05440	-.11710	-.11380
.237	1.938	-.06070	-.06760	-.05820	-.11480	-.11970
.230	3.951	-.05680	-.05410	-.05590	-.12450	-.13340
	GRADIENT	-.00092	-.00155	-.00036	.00033	-.00248

RUN NO. 181/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.430	-.092	-.03840	-.04550	-.04380	-.12890	-.12310
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6065) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 182/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.493	-.088	-.16500	-.14360	-.16720	-.18350	-.18490
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6065) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = 8.000 ELV-0B = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 183/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.421	-4.017	-.21250	-.15820	-.14650	-.19600	-.20220
.457	-2.075	-.21790	-.16290	-.14740	-.19310	-.19990
.487	-.110	-.21000	-.14630	-.17160	-.19770	-.19990
.473	1.945	-.13590	-.12770	-.18710	-.19740	-.19700
.467	3.958	-.13650	-.12910	-.19940	-.20000	-.20080
	GRADIENT	.01177	.00469	-.00729	-.00062	.00028

RUN NO. 184/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.603	-.085	-.20260	-.13400	-.16860	-.20050	-.20570
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6066) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = 8.000 ELV-0B = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 185/ 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.507	-.085	-.02610	-.02790	-.02820	-.06170	-.06860
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 186/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.417	-4.017	-.03470	-.02480	-.03710	-.09920	-.09080
.433	-2.078	-.02450	-.01650	-.02840	-.09100	-.08470
.450	-.110	-.02590	-.02260	-.03080	-.08940	-.08310
.433	1.945	-.04050	-.04270	-.03590	-.08700	-.09260
.431	3.955	-.03850	-.03260	-.02930	-.09320	-.10100
	GRADIENT	-.00120	-.00211	.00040	.00079	-.00144

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6066) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 187/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.547	-.085	-.02580	-.04320	-.03360	-.10610	-.10260
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6067) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 188/ 0 RN/L = 4.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.965	-.150	-.22240	-.23920	-.23340	-.28070	-.27820
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 189/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.015	-4.079	-.22690	-.23110	-.22580	-.28520	-.28730
.008	-.171	-.19810	-.22160	-.20290	-.27760	-.27880
-.015	3.900	-.20850	-.21060	-.21560	-.27800	-.27470
	GRADIENT	.00227	.00257	.00125	.00090	.00158

RUN NO. 190/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.128	-.144	-.16300	-.20340	-.18810	-.27170	-.26910
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (EE6068) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1390.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 191/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-4.038	-.144	-.14090	-.14780	-.15340	-.22770	-.21470
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 192/ 0 RN/L = 4.15 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.075	-4.079	-.12480	-.14160	-.14240	-.23790	-.22570
-.075	-.171	-.12920	-.14740	-.13720	-.23610	-.22740
-.092	3.900	-.13950	-.14440	-.13920	-.23310	-.24210
	GRADIENT	-.00185	-.00034	.00039	.00060	-.00207

RUN NO. 193/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.006	-.140	-.09820	-.12150	-.11840	-.24600	-.23080
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (EE6069) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1390.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 194/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.680	-.092	-.16520	-.16320	-.15080	-.20320	-.20630
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO 195/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.384	-4.024	-.23890	-.15920	-.14620	-.21740	-.22470
.304	-.123	-.18550	-.14980	-.15340	-.21280	-.21780
.264	3.948	-.14120	-.13790	-.19840	-.21800	-.22000
	GRADIENT	.01224	.00267	-.00658	-.00008	.00058

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6069) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1390.3000 IN. YMRP = .0000 IN. YT
BREF = 1293.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 196/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.470	-.092	-.18410	-.14090	-.15870	-.21660	-.22320
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6070) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1390.3000 IN. YMRP = .0000 IN. YT
BREF = 1293.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 197/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.723	-.092	-.05280	-.05680	-.05660	-.09540	-.09910
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.140	-4.037	-.05730	-.05330	-.05970	-.12900	-.11580
.260	-.129	-.05040	-.05970	-.05330	-.11870	-.11650
.244	3.945	-.05680	-.05590	-.05450	-.12480	-.13440
	GRADIENT	.00005	-.00032	.00064	.00051	-.00234

RUN NO. 199/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.177	-.120	-.03950	-.04500	-.04430	-.13200	-.12800
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6071) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1691.3000 IN. YMRP = .0000 IN. YT
BREF = 1691.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.000

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 203/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.377	-.101	-.15240	-.13640	-.15400	-.17860	-.18110
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 204/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.568	-4.030	-.20980	-.14500	-.14150	-.19400	-.20100
.600	-.110	-.20980	-.13800	-.16660	-.19500	-.19850
.569	3.964	-.13000	-.12390	-.19530	-.19820	-.19940
	GRADIENT	.01005	.00264	-.00673	-.00053	.00020

RUN NO. 205/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.477	-.107	-.19760	-.12740	-.16170	-.19660	-.20190
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6072) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1691.3000 IN. YMRP = .0000 IN. YT
BREF = 1691.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.000

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 200/ 0 RN/L = 3.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.407	-.101	-.02740	-.02600	-.02480	-.06350	-.06560
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 201/ 0 RN/L = 3.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.535	-4.030	-.03000	-.02320	-.03470	-.09600	-.08700
.553	-.113	-.02950	-.03360	-.03690	-.09640	-.09210
.531	3.961	-.03790	-.03130	-.02740	-.09310	-.10190
	GRADIENT	-.00100	-.00100	.00092	.00037	-.00187

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6072) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
CLSE = [illegible]

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 202/ 0 RN/L = 3.37 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.402	-.104	-.02930	-.04450	-.03110	-.10730	-.10690
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6073) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
CLSE = [illegible]

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 206/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.951	-.156	-.22390	-.24140	-.23650	-.28620	-.28360
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 207/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.102	-4.082	-.23070	-.23370	-.22840	-.28920	-.29110
.115	-.174	-.20310	-.22470	-.20510	-.28360	-.28440
.036	3.906	-.20930	-.21250	-.21620	-.28280	-.27820
	GRADIENT	.00265	.00266	.00150	.00080	.00161

RUN NO. 208/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.062	-.131	-.16310	-.20500	-.18810	-.27510	-.27310
	GRADIENT	.00000	.00000	.00000	.00000	.00000

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ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6074) (22 JAN 76)

REFERENCE DATA

SREF = 2950.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1680.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-CB = .000
MACH = 1.550 PT = 30.700

RUN NO. 209/ 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.911	-.131	-.13980	-.14820	-.15390	-.22750	-.21550
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 210/ 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.039	-4.082	-.12540	-.14220	-.14280	-.23950	-.22770
.035	-.174	-.12830	-.14660	-.13750	-.23620	-.22810
.012	3.906	-.13910	-.14370	-.13910	-.23360	-.24190
	GRADIENT	-.00172	-.00018	.00046	.00074	-.00179

RUN NO. 211/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.119	-.131	-.10000	-.12090	-.11930	-.24750	-.23220
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6075) (22 JAN 76)

REFERENCE DATA

SREF = 2950.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1680.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-CB = .000
MACH = 2.000 PT = 30.700

RUN NO. 212/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.955	-.083	-.16410	-.16130	-.14870	-.20070	-.20340
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 213/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.396	-4.034	-.23370	-.15490	-.14210	-.21.90	-.21950
.408	-.126	-.18210	-.14660	-.14940	-.20960	-.21430
.396	3.954	-.13910	-.13540	-.19530	-.21720	-.21810
	GRADIENT	.01183	.00244	-.00659	-.00057	.00018

ARC97-044-1IA82B OTS(SRB=OFF MPS=OFF) (EE6075) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 214/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.528	-.083	-.18340	-.13950	- 15680	-.21620	-.22150
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=NOM MPS=NOM) (EE6076) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 215/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.592	-.083	-.04940	-.05440	-.05350	-.09260	-.09490
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 216/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.332	-4.031	-.05250	-.04980	-.05530	-.12490	-.11090
.371	-.126	-.04810	-.05740	-.05260	-.11730	-.11420
.345	3.957	-.05520	-.05490	-.05150	-.12200	-.13110
	GRADIENT	-.00036	-.00063	.00047	.00035	-.00255

RUN NO. 217/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.451	-.083	-.03550	-.04450	-.03980	-.12960	-.12580
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6077) (22 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = -400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 219/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.357	-.079	-.15450	-.13330	-.15570	-.18020	-.18220
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 219/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.578	-4.026	-.20680	-.13760	-.13630	-.19050	-.19620
.597	-.110	-.20630	-.13430	-.16320	-.19260	-.19670
.591	3.961	-.13140	-.12450	-.19580	-.19890	-.19930
	GRADIENT	.00950	.00165	-.00745	-.00105	-.00014

RUN NO. 220/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.720	-.076	-.19940	-.12790	-.16090	-.19600	-.20230
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6078) (22 JAN 76)

REFERENCE DATA

QREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = -400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 221/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.393	-.079	-.02190	-.02340	-.02420	-.06040	-.05740
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 222/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.484	-4.026	-.02390	-.01990	-.03400	-.09590	-.08590
.507	-.082	-.02400	-.02170	-.02920	-.08940	-.08420
.508	3.955	-.03830	-.03250	-.02630	-.09120	-.10190
	GRADIENT	-.00106	-.00158	.00095	.00071	-.00201

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6078) (22 JAN 76)

REFERENCE DATA

[illegible] SQ.FT. XMRP = 976.0000 IN. XT
[illegible] YMRP = .0000 IN. YT
[illegible] IN. ZMRP = 400.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 223/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.667	-.092	-.02700	-.04130	-.03100	-.10630	-.10530
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6079) (22 JAN 76)

REFERENCE DATA

[illegible] SQ.FT. XMRP = 976.0000 IN. XT
[illegible] YMRP = .0000 IN. YT
[illegible] IN. ZMRP = 400.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 224/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.965	-.147	-.32540	-.24300	-.23830	-.27800	-.27500
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 225/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.105	-4.088	-.22630	-.23390	-.22930	-.28290	-.28500
.115	-.181	-.20270	-.22360	-.20510	-.27340	-.27410
.092	3.897	-.20700	-.21160	-.22070	-.27490	-.27020
	GRADIENT	.00239	.00279	.00104	.00099	.00185

RUN NO. 226/ 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.245	-.144	-.16300	-.20300	-.18760	-.26770	-.26460
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-1!A82B OTS(SRB=NOM MPS=NOM) (EE6080) (22 JAN 76)

REFERENCE DATA

[illegible] = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
[illegible] = [illegible] IN. YMRP = .0000 IN. YT
[illegible] = [illegible] IN. ZMRP = 400.0000 IN. ZT
[illegible] =

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 227/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.905	-.144	-.14210	-.14880	-.15630	-.22650	-.21280
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 228/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.022	-4.088	-.12580	-.14120	-.14330	-.23870	-.22450
.035	-.181	-.12740	-.14600	-.13830	-.23420	-.22360
.015	3.887	-.13860	-.14370	-.13890	-.23030	-.23780
	GRADIENT	-.00181	-.00031	.00055	.00105	-.00168

RUN NO. 229/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-4.178	-.137	-.09990	-.11800	-.11690	-.24550	-.22850
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-1!A82B OTS(SRB=OFF MPS=OFF) (EE6081) (22 JAN 76)

REFERENCE DATA

[illegible] = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
[illegible] = [illegible] IN. YMRP = .0000 IN. YT
[illegible] = [illegible] IN. ZMRP = 400.0000 IN. ZT
[illegible] =

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 230/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
[illegible]	-.035	-.17520	-.16840	-.15550	-.20280	-.20560
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 231/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.971	-4.037	-.23500	-.15610	-.14420	-.21300	-.22000
.992	-.172	-.18460	-.15190	-.15940	-.21040	-.21370
.401	3.945	-.14180	-.13840	-.20270	-.21630	-.21630
	GRADIENT	.01171	.00223	-.00765	-.00042	.00046

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6081) (22 JAN 76)

REFERENCE DATA

SREF = 8390.1700 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1990.8.00 IN. YMRP = .0000 IN. YT
RMRP = 183. 3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 232/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
+.570	-.092	-.18660	-.14150	-.16310	-.21560	-.22110
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6082) (22 JAN 76)

REFERENCE DATA

SREF = 8390.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1990.3000 IN. YMRP = .0000 IN. YT
RMRP = 400.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 233/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.590	-.095	-.05110	-.05590	-.05570	-.09130	-.09350
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 234/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.334	-4.040	-.05330	-.05060	-.05630	-.12460	-.11080
.364	-.132	-.04740	-.05550	-.05380	-.11720	-.11230
.348	3.945	-.05420	-.05440	-.05150	-.12050	-.12930
	GRADIENT	-.00012	-.00047	.00060	.00050	-.00233

RUN NO. 235/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.494	-.092	-.03680	-.04450	-.04230	-.12820	-.12210
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (EE6083) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BMRF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 236/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.377	-.095	-.16180	-.14100	-.16650	-.18230	-.18310
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 237/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.561	-4.033	-.21220	-.14800	-.14620	-.19480	-.20170
.597	-.126	-.20980	-.14220	-.17100	-.19640	-.19970
.578	3.952	-.13360	-.12700	-.19920	-.19970	-.19920
	GRADIENT	.00991	.00264	-.00664	-.00062	.00031

RUN NO. 238/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.753	-.082	-.20150	-.13100	-.16700	-.19860	-.20440
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6084) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BMRF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 239/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.403	-.085	-.02270	-.02350	-.02390	-.06060	-.06760
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 240/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.494	-4.030	-.02920	-.02050	-.03350	-.09620	-.08770
.550	-.126	-.02400	-.02040	-.03040	-.08950	-.08190
.541	3.955	-.03760	-.03230	-.02390	-.09310	-.10200
	GRADIENT	-.00106	-.00149	.00045	.00038	-.00181

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (EE6084) (22 JAN 76)

REFERENCE DATA

[illegible] = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
[illegible] = [illegible] IN. YMRP = .0000 IN. YT
[illegible] = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = .010

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 241/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.723	-.082	-.02750	-.04200	-.03250	-.10470	-.10260
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (EE6085) (22 JAN 76)

REFERENCE DATA

[illegible] = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
[illegible] = [illegible] IN. YMRP = .0000 IN. YT
[illegible] = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = .010

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 248/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-4.001	-.159	-.14460	-.14880	-.15850	-.21580	-.20100
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 249/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.133	-4.079	-.12890	-.14160	-.14470	-.24100	-.21890
-.021	-.171	-.12390	-.13770	-.14160	-.23050	-.21010
-.042	3.897	-.13850	-.14620	-.14510	-.22050	-.23460
	GRADIENT	-.00122	-.00059	-.00006	.00257	-.00200

RUN NO. 250/ 0 RN/L = 4.04 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.002	-.165	-.09830	-.11320	-.11630	-.25580	-.22930
	GRADIENT	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

DATE 02 FEB 76 TABULATED SOURCE DATA - IA82B

AR097-044-11A82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (EE6086) (22 JAN 76)

REFERENCE DATA

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

CREF = 2690.0000 SQ.FT XMRP = 976.0000 IN. XT
LREF = 1091.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

RUN NO. 242/ 0 RN/L = 3.62 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.669	-.099	-.05990	-.06030	-.06170	-.09150	-.09420
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 243/ 0 RN/L = 3.63 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.295	-4.037	-.05470	-.04920	-.05780	-.12890	-.10870
.315	-.123	-.05350	-.06300	-.06480	-.12110	-.11490
.298	3.945	-.05460	-.05310	-.05510	-.12370	-.13470
	GRADIENT	.00001	-.00047	.00035	.00064	-.00327

RUN NO. 244/ 0 RN/L = 3.61 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.158	-.114	-.03860	-.03150	-.03810	-.13230	-.11810
	GRADIENT	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (EE6087) (22 JAN 76)

REFERENCE DATA

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

CREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1091.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

RUN NO. 245/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.460	-.104	-.02690	-.02800	-.02870	-.05350	-.07650
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 246/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.8	-4.026	-.02810	-.01760	-.03450	-.10330	-.09320
.812	-.112	-.02690	-.01690	-.02600	-.09140	-.08840
.8	3.8	-.02	-.02	-.03110	-.10050	-.11000
.8	-.114	-.02 148	.00042	.00033	-.00213	

ARC87-044-11A82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (EE6087) (22 JAN 76)

REFERENCE DATA

SREF = 2660.1000 SQ FT XMRP = 976.0000 IN. XT
LREF = 1082.7000 IN. YMRP = .0000 IN. YT
RMRP = 1140.0000 IN. ZMRP = 400.0000 IN. Z+
SCALE = 1.0

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

-5.00 < ALPHA < 5.00 PANEL = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.000	.000	-.02810	-.03920	-.03630	-.11710	-.10350
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC87-044-11A82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (EE6088) (22 JAN 76)

REFERENCE DATA

SREF = 2660.1000 SQ FT XMRP = 976.0000 IN. XT
LREF = 1082.7000 IN. YMRP = .0000 IN. YT
RMRP = 1140.0000 IN. ZMRP = 400.0000 IN. Z+
SCALE = 1.0

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

-5.00 < ALPHA < 5.00 PANEL = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.000	.000	-.16690	-.17610	-.17280	-.20880	-.20920
	GRADIENT	.00000	.00000	.00000	.00000	.00000

-5.00 < ALPHA < 5.00 PANEL = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.000	-4.000	-.16140	-.16770	-.16850	-.20610	-.21240
.000	.000	-.16160	-.17220	-.16620	-.21160	-.21160
4.000	4.000	-.16020	-.16700	-.16560	-.22610	-.22640
	GRADIENT	-.00087	.00010	-.00088	.00251	-.00177

-5.00 < ALPHA < 5.00 PANEL = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.000	.000	-.11870	-.14120	-.14290	-.20750	-.21320
	GRADIENT	.00000	.00000	.00000	.00000	.00000

AR0 7-044-11A82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (EE6089) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 975.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 254/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.651	-.099	-.07480	-.08270	-.08100	-.08820	-.09400
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 255/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.310	-4.033	-.07060	-.06940	-.07590	-.09960	-.10720
.328	-.123	-.06430	-.07680	-.07260	-.09910	-.10290
.306	3.945	-.07570	-.08030	-.07510	-.11170	-.11560
	GRADIENT	-.00365	-.00149	.00010	-.00153	-.00107

RUN NO. 256/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.476	-.099	-.05860	-.05650	-.06140	-.10250	-.11040
	GRADIENT	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (EE6090) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 975.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 257/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.433	-.085	-.04590	-.04760	-.05050	-.05730	-.06400
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 258/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.468	-4.030	-.03830	-.04430	-.05150	-.07540	-.08100
.523	-.119	-.04350	-.04490	-.05050	-.07020	-.07490
.514	3.950	-.03610	-.05390	-.05970	-.08940	-.09440
	GRADIENT	-.00084	-.00121	-.00104	-.00177	-.00170

TABULATED SOURCE DATA - SA82B

AR097-044-11A82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (EE6090) (22 JAN 76)

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

REFERENCE DATA

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 410.1000 IN. ZT

RUN NO. 283 C RNYL = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.03	-.085	-.04180	-.05220	-.04540	-.08070	-.08880
	GRADIENT	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (EE6091) (22 JAN 76)

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

REFERENCE DATA

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 410.1000 IN. ZT

RUN NO. 278 C RNYL = 4.04 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-2.04	-.144	-.23840	-.23810	-.24930	-.25920	-.25730
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 279 C RNYL = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.028	-4.085	-.22670	-.22230	-.22110	-.27180	-.27400
.962	-.171	-.23440	-.22240	-.21610	-.25510	-.25290
.966	3.887	-.22190	-.21110	-.21950	-.26460	-.26190
	GRADIENT	.00044	.00141	.00019	.00088	.00149

RUN NO. 280 C RNYL = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
1.995	-.137	-.19020	-.21270	-.19750	-.25640	-.25390
	GRADIENT	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS+DRAG RING(SRB=NOM MPS=NOM) (EE6092) (22 JAN 76)

REFERENCE DATA

SREF = 8690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1991.8000 IN. YMRP = .0000 IN. YT
HREF = 1991.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 281/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.962	-.140	-.13290	-.13040	-.15180	-.19830	-.19490
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 282/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.008	-4.085	-.12280	-.12750	-.13680	-.22720	-.20820
-.002	-.171	-.12720	-.12900	-.14320	-.22900	-.20710
-.029	3.897	-.13470	-.13370	-.14040	-.23140	-.24040
	GRADIENT	-.00149	-.00065	-.00044	-.00053	-.00406

RUN NO. 283/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.086	-.165	-.09770	-.10440	-.11760	-.24050	-.21570
	GRADIENT	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (EE6093) (22 JAN 76)

REFERENCE DATA

SREF = 8690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1991.8000 IN. YMRP = .0000 IN. YT
HREF = 1991.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 284/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-4.022	-.162	-.03680	-.03930	-.05160	-.08800	-.13350
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 285/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.045	-4.085	-.02340	-.02250	-.04110	-.14370	-.16160
-.039	-.171	-.02440	-.02140	-.04780	-.12260	-.14940
-.059	3.897	-.03430	-.04000	-.04990	-.16240	-.18370
	GRADIENT	-.00137	-.00221	-.00110	-.00239	-.00281

ARC97-044-1:A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (EE6093) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 2667 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.008	-.169	.00050	-.00120	-.03400	-.13190	-.15110
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-1:A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (EE6094) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 2697 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.187	-.092	-.17920	-.16540	-.18600	-.19440	-.19330
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 2700 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.270	-4.038	-.26640	-.17270	-.15160	-.21030	-.21560
.373	-.123	-.19470	-.15180	-.20610	-.20720	-.20540
.353	3.945	-.15980	-.15820	-.23680	-.21540	-.21220
	GRADIENT	.01331	.00179	-.01065	-.00065	.00041

RUN NO. 2714 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-.333	-.099	-.18530	-.14280	-.19320	-.21130	-.21230
	GRADIENT	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS+DRAG RING(SRB=NOM MPS=NOM) (EE6095) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 272/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.624	-.095	-.05860	-.05140	-.06720	-.08490	-.10230
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 273/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.250	-4.033	-.05340	-.04040	-.05450	-.11870	-.10710
.333	-.123	-.03860	-.03770	-.05050	-.11090	-.10320
.417	3.945	-.06510	-.05330	-.05040	-.12400	-.13020
	GRADIENT	-.00163	-.00163	.00051	-.00068	-.00292

RUN NO. 274/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.476	-.092	-.03680	-.03010	-.04210	-.12380	-.10910
	GRADIENT	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (EE6096) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 275/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.594	-.095	.04220	.03840	.03890	.01620	-.00690
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 276/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.205	-4.033	.08110	.07520	.06180	-.01590	-.04360
.339	-.123	.07430	.07030	.05950	.02130	-.01460
.317	3.945	.06330	.05960	.04920	-.01590	-.03220
	GRADIENT	-.00223	-.00195	-.00159	-.00006	.00139

ARC97-044-11A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (EE6056) (22 JAN 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 277/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.478	-.089	.09330	.08340	.06090	.01030	-.02020
	GRADIENT	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (EE6057) (22 JAN 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 260/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5 / 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.350	-.092	-.16790	-.15050	-.17790	-.17460	-.17250
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 261/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.545	-4.026	-.22600	-.17460	-.15470	-.19180	-.19720
.613	-.116	-.20930	-.15250	-.18130	-.18990	-.18990
.680	3.952	-.18470	-.15260	-.21230	-.19650	-.19570
	GRADIENT	.00770	.00274	-.00722	-.00061	.00015

RUN NO. 262/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.713	-.082	-.20400	-.14270	-.17480	-.19140	-.19410
	GRADIENT	.00000	.00000	.00000	.00000	.00000

DATE 08 FEB 76 T/B LATED SOURCE DATA - 1A82B

AP097-044-1'A82B OTS+DRAG RING(SRB=NOM MPS=NOM) (EE6098) (22 JAN 76)

REFERENCE DATA

PARAMETRIC DATA

[illegible] = [illegible] FT XMRP = 976.0000 IN. XT
[illegible] = [illegible] YMRP = .0000 IN. YT
[illegible] = [illegible] ZMRP = +00.0000 IN. ZT
[illegible] =

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 2837 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.417	-.085	-.03020	-.02520	-.03880	-.06260	-.07580
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 2847 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.528	-4.026	-.01610	-.00460	-.03160	-.08650	-.08320
5+0	-.116	-.01720	-.00970	-.03840	-.08550	-.07930
524	3.952	-.03780	-.02540	- 03370	-.09210	-.09570
	GRADIENT	-.00074	-.00262	-.00027	-.00046	-.00196

RUN NO. 2857 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.807	-.082	-.01980	-.01840	-.02670	-.09340	-.08120
	GRADIENT	.00000	.00000	.00000	.00000	.00000

AP097-044-1'A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (EE6099) (22 JAN 76)

REFERENCE DATA

PARAMETRIC DATA

[illegible] = [illegible] FT XMRP = 976.0000 IN. XT
[illegible] = [illegible] YMRP = .0000 IN. YT
[illegible] = [illegible] ZMRP = +00.0000 IN. ZT
[illegible] =

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 2867 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
-3.417	-.182	.07910	.06030	.07880	.05910	.03+23
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 2877 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
.484	-4.030	.07460	.05650	.08540	.00760	-.00730
5+7	-.116	.05170	.03210	.08320	.06080	.01750
.528	3.952	.02+10	.07930	.06030	.02120	-.00810
	GRADIENT	-.00 87	-.00216	-.00329	.00163	-.00014

DATE 08 FEB 76 TABULATED SOURCE DATA 3

ARC97-04[illegible] ; DRAG RING(SRB=NOM++ MPS=NOM (EE6099) (22 JAN 76)

REFERENCE DATA

SREF	=	9690.0000	SQ.FT.	XMRP	=	976.0000
LREF	=	1293.3000	IN.	YMRP	=	.0000
BREF	=	1293.3000	IN.	ZMRP	=	400.0000
SCALE	=	.0100				

PARAMETRIC DATA

ELV-IB	=	.000	ELV-OB	=	.000
MACH	=	2.200	PT	=	30.700

RUN NO. 268/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP141	CP142	CP143	CP144	CP145
4.657	-.082	.10380	.10440	.09100	.04920	.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000

DATE - FEB 76 TABULATED SOURCE DATA - 1A82B

ARC97-044IA82 OTS+R(SRB=OFF MPS=OFF)ET-BASE-- (REGH01) (14 MAR 75)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -3.871 BETA (1) = -.150 MACH = 1.5557 RN/L = 4.1346 Q(PSF) = 922.98 P = 544.82

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/RCD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2611		-.2745	-.3249	-.3563	-.4043	-.0308
45.000				-.2870			
90.000			-.2921	-.3031	-.3422	-.3676	-.0298
135.000				-.3491	-.3120	-.2448	
141.000							.2678
180.000			-.3103	-.3178	-.2987	-.3366	
186.000							-.0481
219.000							.0701
225.000				-.3023			
270.000		-.2836	-.2972	-.2863			.0667
315.000				-.2989	-.3701	-.4136	-.1020

ALPHA (2) = .092 BETA (1) = -4.091 MACH = 1.5557 RN/L = 4.0972 Q(PSF) = 923.48 P = 545.12

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/RCD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2586		-.2856	-.3513	-.3621	-.4020	-.0246
45.000				-.3056			
90.000			-.2878	-.3397	-.3751	-.4214	-.1337
135.000				-.3440	-.2665	-.1366	
141.000							.5111
180.000			-.3080	-.3084	-.2948	-.3304	
186.000							-.0634
219.000							.0283
225.000				-.2845			
270.000		-.2597	-.2773	-.2620			-.0742
315.000				-.2614	-.3311	-.3878	-.1284

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

DATE 05 FEB 75 TABULATED SOURCE DATA - 1A82B

ARC97-044 1A82 OTS+R(SRB=OFF MPS=OFF)ET-BASE-- (RE6H01)

ALPHA (2) = .098 BETA (2) = -.171 MACH = 1.5557 RN/L = 4.0972 Q(PSF) = 923.48 P = 545.12

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2533		-.2624	-.3074	-.3389	-.3888	-.0243
45.000				-.2776			
90.000			-.2846	-.3109	-.3465	-.3856	-.1012
135.000				-.3219	-.2871	-.2161	
141.000							.3586
180.000			-.2929	-.3037	-.2942	-.3290	
186.000							.0078
219.000							.1326
225.000				-.2739			
270.000		-.2738	-.2801	-.2684			-.0154
315.000				-.3013	-.3664	-.4148	-.0883

ALPHA (2) = .089 BETA (3) = 3.900 MACH = 1.5557 RN/L = 4.0972 Q(PSF) = 923.48 P = 545.12

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2554		-.2836	-.3487	-.3521	-.3960	-.0230
45.000				-.2974			
90.000			-.2796	-.2932	-.3227	-.3445	-.1288
135.000				-.2768	-.2755	-.2970	
141.000							.0394
180.000			-.2798	-.3179	-.3376	-.3670	
186.000							-.0628
219.000							.3661
225.000				-.2876			
270.000		-.2829	-.2892	-.2752			-.0483
315.000				-.3099	-.3614	-.4071	-.0536

ALPHA (3) = 4.148 BETA (1) = -.144 MACH = 1.5557 RN/L = 4.0729 Q(PSF) = 924.18 P = 545.53

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2406		-.2434	-.3156	-.3348	-.3840	-.0130
45.000				-.2979			
90.000			-.2599	-.2816	-.3212	-.3545	-.1661
135.000				-.2590	-.2539	-.2063	
141.000							.4194
180.000			-.2506	-.2466	-.2419	-.3053	
186.000							.0765

ARC97-044IA82 OTS+R(SRB=OFF MPS=OFF)ET-BASE-- (RE6H01)

ALPHA (3) = 4.148 BETA (1) = -.144

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2140
265.000				-.2707			
270.000		-.2556	-.2703	-.2543			-.6730
315.000				-.2488	-.3238	-.3826	-.0905

ARC97-044IA82 OTS+R(SRB=NOM- MPS=NOM)ET-BASE-- (RE6H02) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -3.985 BETA (1) = -.144 MACH = 1.5557 RN/L = 4.0052 Q(PSF) = 923.88 P = 545.36

SECTION (1)ET BASE DEPENDENT VARIABLE CP

RHO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1934		-.1963	-.2531	-.2804	-.3204	-.0299
45.000				-.2505			
90.000			-.2085	-.2245	-.2567	-.2648	-.0613
135.000				-.2486	-.2369	-.1910	
141.000							.2642
180.000			-.2359	-.2274	-.2111	-.2476	
185.000							-.0443
219.000							.0601
225.000				-.2534			
270.000		-.2041	-.2008	-.1964			.0768
315.000				-.2131	-.2812	-.3203	-.1005

ALPHA (2) = -.019 BETA (1) = -4.091 MACH = 1.5557 RN/L = 4.0003 Q(PSF) = 924.68 P = 545.83

SECTION (1)ET BASE DEPENDENT VARIABLE CP

RHO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1930		-.2139	-.2782	-.2964	-.3257	-.0226
45.000				-.2237			
90.000			-.2240	-.2506	-.2927	-.3171	-.1407
135.000				-.2451	-.2164	-.1006	
141.000							.5099
180.000			-.2214	-.2219	-.2244	-.2246	
185.000							-.0840
219.000							.0257
225.000				-.2157			
270.000		-.1948	-.1911	-.1827			-.0624
315.000				-.1758	-.2391	-.3109	-.1274

ARC97-044IA82 OTS+R(SRB=NOM- MPS=NOM)ET-BASE-- (RE6H02)

ALPHA (2) = -.008 BETA (2) = -.181 MACH = 1.5557 RN/L = 4.0003 Q(PSF) = 924.68 P = 545.83

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1831		-.1860	-.2441	-.2710	-.3141	-.0224
45.000				-.2292			
90.000			-.2029	-.2134	-.2474	-.2750	-.1172
135.000				-.2051	-.2133	-.1740	
141.000							.3562
180.000			-.2062	-.1959	-.1935	-.2340	
185.000							.0062
219.000							.1254
225.000				-.2152			
270.000		-.1909	-.1945	-.2106			-.0034
315.000				-.1765	-.2608	-.3340	-.0879

ALPHA (2) = -.019 BETA (3) = 3.897 MACH = 1.5557 RN/L = 4.0003 Q(PSF) = 924.68 P = 545.83

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1874		-.2048	-.2695	-.2805	-.3114	-.0213
45.000				-.2242			
90.000			-.1914	-.2009	-.2332	-.2441	-.1459
135.000				-.2097	-.2165	-.2544	
141.000							.0286
180.000			-.2049	-.2499	-.2765	-.3150	
185.000							-.0711
219.000							.3606
225.000				-.2128			
270.000		-.2036	-.2051	-.1980			-.0352
315.000				-.1941	-.3134	-.3802	-.0513

ALPHA (3) = 4.152 BETA (1) = -.140 MACH = 1.5557 RN/L = 3.9929 Q(PSF) = 922.98 P = 544.82

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1749		-.1715	-.2397	-.2680	-.3034	-.0133
45.000				-.2388			
90.000			-.1919	-.2095	-.2356	-.2653	-.1700
135.000				-.1876	-.1948	-.1772	
141.000							.4203
180.000			-.1837	-.1789	-.1710	-.2324	
186.000							.0702

ARC97-044 1A82 OTS+R(SRB=NOM- MPS=NOM)ET-BASE-- (RE6H02)

ALPHA (3) = 4.152 BETA (1) = -.140

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2106
225.000				-.2087			
270.000		-.1825	-.1978	-.1906			-.0617
315.000				-.1640	-.2113	-.3483	-.0863

ARC97-044IA82 OTS+R(SRB=NOM MPS=NOM)ET-BASE-- (RE6H03) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1230.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -3.985 BETA (1) = -.144 MACH = 1.5557 RN/L = 4.0200 Q(PSF) = 923.28 P = 545.00

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R'ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
P+!							
.000	-.1646		-.1639	-.2092	-.2417	-.2917	-.0302
45.000				-.2235			
90.000			-.1729	-.1685	-.2236	-.2329	-.0621
135.000				-.2121	-.2064	-.1711	
141.000							.2703
180.000			-.2007	-.1899	-.1779	-.2064	
186.000							-.0424
219.000							.0602
225.000				-.2059			
270.000		-.1737	-.1678	-.1623			.0777
315.000				-.1612	-.2336	-.3080	-.0996

ALPHA (2) = .008 BETA (1) = -4.088 MACH = 1.5557 RN/L = 4.0207 Q(PSF) = 923.78 P = 545.29

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R'ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
P+!							
.000	-.1653		-.1865	-.2424	-.2723	-.2973	-.0224
45.000				-.2008			
90.000			-.1998	-.2174	-.2562	-.2728	-.1390
135.000				-.1998	-.1956	-.0855	
141.000							.5049
180.000			-.1853	-.1846	-.1856	-.1949	
186.000							-.0785
219.000							.0274
225.000				-.1902			
270.000		-.1636	-.1641	-.1560			-.0564
315.000				-.1515	-.1918	-.2825	-.1265

ARC97-044IA82 OTS+R(SRB=NOM MPS=NOM)ET-BASE-- (RE6H03)

ALPHA (2) = .002 BETA (2) = -.181 MACH = 1.5557 RN/L = 4.0207 Q(PSF) = 923.78 P = 545.29

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1554		-.1538	-.2005	-.2365	-.2829	-.0224
45.000				-.1939			
90.000			-.1700	-.1774	-.2061	-.2432	-.1159
135.000				-.1764	-.1815	-.1594	
141.000							.3566
180.000			-.1740	-.1680	-.1566	-.2020	
188.000							.0090
219.000							.1230
225.000				-.1787			
270.000		-.1623	-.1622	-.1669			-.0037
315.000				-.1470	-.1976	-.3190	-.0906

ALPHA (2) = -.022 BETA (3) = 3.900 MACH = 1.5557 RN/L = 4.0207 Q(PSF) = 923.78 P = 545.29

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1586		-.1714	-.2287	-.2512	-.2819	-.0217
45.000				-.1953			
90.000			-.1609	-.1691	-.1939	-.2224	-.1420
135.000				-.1809	-.1891	-.2340	
141.000							0258
180.000			-.1738	-.2197	-.2543	-.3003	
188.000							-.0727
219.000							.3628
225.000				-.1826			
270.000		-.1692	-.1734	-.1668			-.0364
315.000				-.1643	-.2411	-.3686	-.0520

ALPHA (3) = -.145 BETA (1) = -.140 MACH = 1.5557 RN/L = 4.0218 Q(PSF) = 924.18 P = 545.53

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1512		-.1425	-.1961	-.2356	-.2782	-.0124
45.000				-.2032			
90.000			-.1660	-.1780	-.1934	-.2357	-.1655
135.000				-.1623	-.1683	-.1655	
141.000							.4212
180.000			-.1553	-.1516	-.1460	-.2027	
188.000							.0679

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044IA82 OTS+R(SRB=NOM MPS=NOM)ET-BASE-- (RE6H03)

ALPHA (3) = -.145 BETA (1) = -.140

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RDD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2130
225.000				-.1765			
270.000		-.1570	-.1646	-.1677			-.0653
315.000				-.1368	-.1562	-.3272	-.0862

DATE 05 FEB 76 TABULATED SOURCE DATA - IA82B

ARC97-044IA82 OTS+R(SRB=NOM+ MPS=NOM)ET-BASE-- (RE6H04) I 14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -3.995 BETA (1) = -.144 MACH = 1.5557 RN/L = 4.0102 Q(PSF) = 924.48 P = 545.71

SECTION ( )ET BASE DEPENDENT VARIABLE CP

PHI	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
.000	-.1221		-.1213	-.1457	-.1878	-.2521	-.0298
45.000				-.1746			
90.000			-.1289	-.1412	-.1770	-.1900	-.0615
135.000				-.1548	-.1563	-.1428	
141.000							.2661
180.000			-.1467	-.1380	-.1276	-.1505	
185.000							-.0323
219.000							.0620
225.000				-.1518			
270.000		-.1282	-.1236	-.1450			.0802
315.000				-.1112	-.1188	-.2428	-.1001

ALPHA (2) = -.042 BETA (1) = -4.091 MACH = 1.5557 RN/L = 4.0114 Q(PSF) = 923.88 P = 545.36

SECTION ( )ET BASE DEPENDENT VARIABLE CP

PHI	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
.000	-.1289		-.1497	-.1773	-.2238	-.2566	-.0203
45.000				-.1611			
90.000			-.1559	-.1631	-.1975	-.2173	-.1325
135.000				-.1401	-.1481	-.0605	
141.000							.5064
180.000			-.1358	-.1355	-.1334	-.1546	
185.000							-.0776
219.000							.0255
225.000				-.1599			
270.000		-.1312	-.1265	-.1226			-.0457
315.000				-.1105	-.1285	-.2309	-.1276

APC97-044IA82 OTS+R(SRB=NOM+ MPS=NOM)ET-BASE-- (REGH04)

ALPHA (2) = -.015 BETA (2) = -.178 MACH = 1.5557 RN/L = 4.0114 Q(PSF) = 923.88 P = 545.36

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/RDC	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1126		-.1057	-.1326	-.1816	-.2377	-.0197
45.000				-.1449			
90.000			-.1191	-.1241	-.1353	-.2003	-.1094
135.000				-.1532	-.1529	-.1433	
141.000							.3545
180.000			-.1412	-.1347	-.1221	-.1608	
225.000							.0133
270.000							.1220
315.000				-.1341			
360.000		-.1162	-.1164	-.1229			-.0023
315.000				-.1039	-.1136	-.2758	-.0900

ALPHA 2) = -.039 BETA (3) = 3.897 MACH = 1.5557 RN/L = 4.0114 Q(PSF) = 923.88 P = 545.36

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/RDC	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1188		-.1248	-.1588	-.2054	-.2346	-.0185
45.000				-.1326			
90.000			-.1169	-.1234	-.1427	-.1856	-.1265
135.000				-.1425	-.1599	-.2041	
141.000							.0254
180.000			-.1303	-.1707	-.2127	-.2606	
225.000							-.0727
270.000							.3539
315.000				-.1362			
360.000		-.1231	-.1275	-.1205			-.0335
315.000				-.1181	-.1310	-.3336	-.0510

ALPHA 3) = -.128 BETA (1) = -.140 MACH = 1.5557 RN/L = 4.0026 Q(PSF) = 923.58 P = 545.18

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/RDC	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1097		-.1000	-.1331	-.1822	-.2358	-.0116
45.000				-.1441			
90.000			-.1176	-.1331	-.1339	-.1930	-.1477
135.000				-.1184	-.1249	-.1416	
141.000							.4144
180.000			-.1111	-.1075	-.1003	-.1554	
225.000							.0743

ARC97-044IA82 OTS+R(SRB=NOM+ MPS=NOM)ET-BASE-- (RESHD4)

ALPHA (3) = 4.128 BETA (1) = -.140

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2132
225.000				-.1303			
270.000		-.1128	-.1145	-.1238			-.0605
315.000				-.0950	-.1031	-.2687	-.0862

:RC97-044IA82 OTS+R(SRB=NOM++ MPS=NOM)ET-BASE-- (RE6H05) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -3.998 BETA (1) = -.144 MACH = 1.5557 RN/L = 4.0082 Q(PSF) = 923.88 P = 545.36

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0705		-.0662	-.0704	-.1250	-.2018	-.0279
45.000				-.1001			
90.000			-.0746	-.0818	-.0920	-.1482	-.0697
135.000				-.0914	-.0964	-.1137	
141.000							.2539
180.000			-.0786	-.0761	-.0713	-.0837	
186.000							-.0182
219.000							.0631
225.000				-.0978			
270.000		-.0730	-.0690	-.0685			.0816
315.000				-.0665	-.0759	-.2089	-.1009

ALPHA (2) = -.043 BETA (1) = -4.088 MACH = 1.5557 RN/L = 3.9989 Q(PSF) = 923.98 P = 545.42

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0625		-.0693	-.0782	-.1373	-.1864	-.0170
45.000				-.0880			
90.000			-.0921	-.0947	-.1099	-.1571	-.1196
135.000				-.0783	-.0798	-.0308	
141.000							.5054
180.000			-.0782	-.0796	-.0742	-.0979	
186.000							-.0537
219.000							.0345
225.000				-.0987			
270.000		-.0664	-.0652	-.0865			-.0094
315.000				-.0480	-.0596	-.0999	-.1286

ARC97-044IA82 OTS+R(SRB=NOM++ MPS=NOM)ET-BASE-- (RE6H05)

ALPHA (2) = -.032 BETA (2) = -.181 MACH = 1.5557 RN/L = 3.9989 Q(PSF) = 923.98 P = 545.42

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0542		-.0452	-.0467	-.0994	-.1866	-.0146
45.000				-.0706			
90.000			-.0607	-.0642	-.0729	-.1297	-.0947
135.000				-.0655	-.0731	-.0983	
141.000							.3490
180.000			-.0629	-.0565	-.0476	-.0814	
186.000							.0239
219.000							.1235
225.000				-.0589			
270.000		-.0556	-.0552	-.0604			.0066
315.000				-.0403	-.0508	-.1481	-.0869

ALPHA (2) = -.042 BETA (3) = 3.897 MACH = 1.5557 RN/L = 3.9989 Q(PSF) = 923.98 P = 545.42

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0600		-.0588	-.0548	-.1228	-.1700	-.0164
45.000				-.0596			
90.000			-.0605	-.0657	-.0819	-.1078	-.0894
135.000				-.0986	-.1302	-.1546	
141.000							.0182
180.000			-.0665	-.1042	-.1427	-.1828	
186.000							-.0733
219.000							.3622
225.000				-.0811			
270.000		-.0588	-.0608	-.0656			-.0314
315.000				-.0588	-.0663	-.2546	-.0503

ALPHA (3) = 4.112 BETA (1) = -.140 MACH = 1.5557 RN/L = 4.0008 Q(PSF) = 924.18 = 545.53

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0495		-.0401	-.0432	-.0974	-.1854	-.0090
45.000				-.0683			
90.000			-.0540	-.0688	-.0713	-.0991	-.0857
135.000				-.0555	-.0623	-.1021	
141.000							.4166
180.000			-.0486	-.0483	-.0398	-.0866	
186.000							.0761

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

APC97-044IA82 OTS+R(SRB=NOM++ MPS=NOM)ET-BASE-- (RE6H05)

ALPHA (3 = 4.112 BETA (1) = -.140

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R POD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2103
225.000				-.0686			
270.000		-.0470	-.0498	-.0501			-.0432
315.0				-.0350	-.0481	-.1391	-.0822

ARC97-044IA82 OTS+R(SRB=VARY MPS=NOM)ET-BASE-- (RE6H06) (14 MAR 75)

REFERENCE DATA

SREF = 6690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1080.3000 IN. YMRP = .0000 IN. YT
BREF = 1780.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 1.550
PT = 30.700

ALPHA (I) = .029 SRBCPR(1) = 117.220 MACH . = 1.5552 RN/L = 4.0766 Q(PSF) = 925.16 P = 546.45

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R ACC	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1767		-.1753	-.2297	-.2595	-.3045	-.0249
45.000				-.2217			
90.000			-.1914	-.2007	-.2379	-.2611	-.1150
135.000				-.1997	-.2023	-.1730	
141.000							.3445
180.000			-.1921	-.1874	-.1789	-.2259	
186.000							.0138
219.000							.1374
225.000				-.2065			
270.000		-.1838	-.1838	-.1912			-.0043
315.000				-.1659	-.2480	-.3283	-.0909

ALPHA (I) = .029 SRBCPR(2) = 129.540 MACH = 1.5552 RN/L = 4.0766 Q(PSF) = 925.16 P = 546.45

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R ACC	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1686		-.1655	-.2178	-.2497	-.2969	-.0238
45.000				-.2107			
90.000			-.1838	-.1898	-.2270	-.2545	-.1147
135.000				-.1881	-.1940	-.1648	
141.000							.3496
180.000			-.1847	-.1771	-.1680	-.2161	
186.000							.0136
219.000							.1373
225.000				-.1955			
270.000		-.1738	-.1740	-.1824			-.0021
315.000				-.1698	-.2295	-.3260	-.0889

ARC97-044IA82 OTS+R(SRB=VARY MPS=NOM)ET-BASE-- (RE6H06)

ALPHA (1) = .032 SRBCPR(3) = 165.910 MACH = 1.5552 RN/L = 4.0766 Q(PSF) = 925.16 P = 546.45

SECTION ')ET BASE DEPE CNT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1429		-.1409	-.1794	-.2201	-.2686	-.0230
45.000				-.1802			
90.000			-.1549	-.1596	-.1881	-.2295	-.1120
135.000				-.1751	-.1744	-.1609	
141.000							.3504
180.000			-.1665	-.1605	-.1481	-.1940	
225.000							.0130
270.000							.1335
296.000				-.1682			
301.000			-.1511	-.1497	-.1594		-.0024
315.000				-.1356	-.1747	-.3080	-.0909

ALPHA (1) = .019 SRBCPR(4) = 186.370 MACH = 1.5552 RN/L = 4.0766 Q(PSF) = 925.16 P = 546.45

SECTION ')ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1280		-.1265	-.1598	-.2032	-.2569	-.0217
45.000				-.1666			
90.000			-.1383	-.1439	-.1652	-.2184	-.1102
135.000				-.1714	-.1682	-.1545	
141.000							.3510
180.000			-.1535	-.1529	-.1394	-.1833	
225.000							.0145
270.000							.1337
296.000				-.1533			
301.000			-.1372	-.1354	-.1453		-.0006
315.000				-.1225	-.1481	-.2977	-.0894

ARC97-0441A82 OTS+R(SRB=NOM MPS=NOM-)ET-BASE-- (RE6H07) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -3.931 BETA (1) = -.150 MACH = 1.5552 RN/L = 4.1673 Q(PSF) = 925.16 P = 546.45

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1693		-.1706	-.2176	-.2503	-.2970	-.0353
45.000				-.2362			
90.000			-.1794	-.1981	-.2360	-.2292	-.0505
135.000				-.2265	-.2193	-.1830	
141.000							.2720
180.000			-.2106	-.2014	-.1870	-.2174	
185.000							-.0435
219.000							.0663
225.000				-.2035			
270.000		-.1768	-.1760	-.1979			.0805
315.000				-.1656	-.1765	-.3488	-.1033

ALPHA (2) = .015 BETA (1) = -4.101 MACH = 1.5552 RN/L = 4.1449 Q(PSF) = 924.46 P = 546.03

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1737		-.1935	-.2506	-.2740	-.3031	-.0225
45.000				-.2069			
90.000			-.2059	-.2272	-.2567	-.2866	-.1406
135.000				-.2170	-.2036	-.0953	
141.000							.5176
180.000			-.1994	-.2011	-.2006	-.2044	
185.000							-.0764
219.000							.0246
225.000				-.1960			
270.000		-.1747	-.1710	-.1667			-.0494
315.000				-.1677	-.1995	-.2878	-.1344

ARC97-044IA82 OTS+R(SRB=NOM MPS=NOM-)ET-BASE-- (RE6H07)

ALPHA (2) = .015 BETA (2) = -.184 MACH = 1.5552 RN/L = 4.1449 Q(PSF) = 924.46 P = 546.03

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1628		-.1605	-.2107	-.2448	-.2906	-.0223
45.000				-.1953			
90.000			-.1770	-.1836	-.2233	-.2471	-.1106
135.000				-.1972	-.2017	-.1685	
141.000							.3602
180.000			-.1929	-.1876	-.1762	-.2211	
225.000							.0085
270.000							.1260
300.000				-.1884			
315.000		-.1711	-.1702	-.1793			-.0017
315.000				-.1562	-.2237	-.3230	-.0897

ALPHA (2) = .002 BETA (3) = 3.903 MACH = 1.5552 RN/L = 4.1449 Q(PSF) = 924.46 P = 546.03

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1697		-.1843	-.2412	-.2622	-.2936	-.0244
45.000				-.2087			
90.000			-.1718	-.1800	-.2125	-.2219	-.1366
135.000				-.1928	-.2020	-.2465	
141.000							.0267
180.000			-.1846	-.2312	-.2645	-.3117	
225.000							-.0705
270.000							.3658
300.000				-.1928			
315.000		-.1809	-.1843	-.1795			-.0363
315.000				-.1755	-.2756	-.3753	-.0510

ALPHA (3) = 4.102 BETA (1) = -.147 MACH = 1.5552 RN/L = 4.1362 Q(PSF) = 926.37 P = 547.16

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1697		-.1523	-.2125	-.2461	-.2853	-.0153
45.000				-.2147			
90.000			-.1754	-.1877	-.2071	-.2435	-.1780
135.000				-.1723	-.1772	-.1720	
141.000							.4171
180.000			-.1675	-.1628	-.1563	-.2159	
225.000							.0673

ARC97-044IA82 OTS+R(SRB=NOM MPS=NOM-)ET-BASE-- (REGH07)

ALPHA (3) = 4.102 BETA (1) = -.147

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
213.[illegible]							.2112
[illegible]				-.1917			
[illegible]		-.1657	-.1794	-.1782			-.0704
[illegible]				-.1460	-.1673	-.3335	-.0916

ARC97-044;A82 OTS+R(SRB=NOM MPS=NOM+)ET-BASE-- (RE6H08) (14 MAR 75)

REFERENCE DATA

SREF = 8680.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 1.550 PT = 30.700

ALPHA (I) = -3.995 BETA (I) = -.144 MACH = 1.5557 RN/L = 3.9961 Q(PSF) = 924.78 P = 545.89

SECTION : ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1591		-.1619	-.2028	-.2344	-.2870	-.0323
45.000				-.2187			
90.000			-.1676	-.1843	-.2176	-.2283	-.0631
135.000				-.1966	-.1899	-.1671	
141.000							.2693
180.000			-.1875	-.1756	-.1660	-.1935	
186.000							-.0421
219.000							.0632
225.000				-.1968			
[illegible]		-.1687	-.1636	-.1555			.0761
315.000				-.1542	-.2159	-.3075	-.1008

ALPHA (I) = -.042 BETA (I) = -4.091 MACH = 1.5557 RN/L = 3.9916 Q(PSF) = 923.68 P = 545.24

SECTION : ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1578		-.1783	-.2337	-.2643	-.2901	-.0223
[illegible]				-.1944			
[illegible]			-.1697	-.2052	-.2439	-.2833	-.1402
[illegible]				-.1922	-.1826	-.0786	
141.000							.5105
180.000			-.1701	-.1678	-.1706	-.1644	
186.000							-.0858
219.000							.0256
225.000				-.1856			
[illegible]		-.1620	-.1552	-.1480			-.0550
315.000				-.1442	-.1765	-.2746	-.1279

DATE 08 FEB 76 TABULATED SOURCE DATA - IA82B

ARC97-044IA82 OTS+R(SRB=NOM MPS=NOM+)ET-BASE-- (RE6H08)

ALPHA (2) = -.082 BETA (2) = -.181 MACH = 1.5557 RN/L = 3.9916 Q(PSF) = 923.68 P = 545.24

SECTION ( )ET BASE DEPENDENT VARIABLE CP

P ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1472		-.1432	-.1873	-.2259	-.2747	-.0213
45.000				-.1907			
90.000			-.1617	-.1635	-.1957	-.2377	-.1147
135.000				-.1635	-.1703	-.1533	
141.000							.3604
180.000			-.1567	-.1518	-.1414	-.1875	
186.000							.0103
219.000							.1293
225.000				-.1706			
270.000				-.1584			-.0038
315.000		-.1547	-.1513	-.1375	-.1720	-.3120	-.0891

ALPHA (2) = -.045 BETA (3) = 3.897 MACH = 1.5557 RN/L = 3.9916 Q(PSF) = 923.68 P = 545.24

SECTION ( )ET BASE DEPENDENT VARIABLE CP

P ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1479		-.1617	-.2113	-.2418	-.2718	-.0209
45.000				-.1828			
90.000			-.1514	-.1586	-.1860	-.2147	-.1399
135.000				-.1697	-.1799	-.2263	
141.000							.0239
180.000			-.1628	-.2074	-.2436	-.2886	
186.000							-.0713
219.000							.3624
225.000				-.1705			
270.000				-.1554			-.0324
315.000		-.1583	-.1606	-.1529	-.2076	-.3602	-.0510

ALPHA (3) = 4.032 BETA (1) = -.140 MACH = 1.5557 RN/L = 3.9903 Q(PSF) = 922.38 P = 544.47

SECTION ( )ET BASE DEPENDENT VARIABLE CP

P ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1388		-.1327	-.1813	-.2198	-.2657	-.0115
45.000				-.1850			
90.000			-.1530	-.1666	-.1745	-.2249	-.1626
135.000				-.1478	-.1549	-.1583	
141.000							.4141
180.000			-.1430	-.1381	-.1309	-.1880	
186.000							.0723

DATE 06 FEB 76 TABULATED SOURCE DATA - 1A82B

ARC97-0441A82 OTS+R(SRB=NOM MPS=NOM+)ET-BASE-- (RE6H0B)

ALPHA (3) = 4.092 BETA (1) = -.140

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9480	1.0000
PHI							
219.000							.2133
225.000				-.1620			
270.000		-.1469	-.1492	-.1553			-.0626
315.000				-.1262	-.1363	-.3121	-.0857

AR097-044IA82 OTS+R(SRB=NOM MPS=VARY)ET-BASE-- (RE6H09) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 1.550
PT = 30.700

ALPHA (1) = .052 MPSCPR(1) = 223.390 MACH = 1.5552 RN/L = 4.0977 Q(PSF) = 924.64 P = 546.13

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R.RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1551		-.1585	-.2069	-.2385	-.2886	-.0238
45.000				-.1977			
90.000			-.1716	-.1816	-.2173	-.2444	-.1127
135.000				-.1935	-.1948	-.1668	
141.000							.3538
180.000			-.1889	-.1802	-.1770	-.2147	
186.000							.0175
219.000							.1288
225.000				-.1853			
270.000		-.1690	-.1693	-.1757			-.0030
315.000				-.1538	-.2162	-.3225	-.0886

ALPHA (1) = .052 MPSCPR(2) = 251.670 MACH = 1.5552 RN/L = 4.0977 Q(PSF) = 924.64 P = 546.13

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R.RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1593		-.1569	-.2017	-.2390	-.2855	-.0242
45.000				-.1955			
90.000			-.1723	-.1761	-.2138	-.2421	-.1134
135.000				-.1842	-.1869	-.1657	
141.000							.3539
180.000			-.1815	-.1707	-.1627	-.2118	
186.000							.0140
219.000							.1345
225.000				-.1837			
270.000		-.1672	-.1653	-.1729			-.0025
315.000				-.1494	-.2074	-.3209	-.0884

4RC97-044IA82 OTS+R(SRB=NOM MPS=VARYIET-BASE-- (REEH09)

ALPHA ( ) = .032 MPSCPR(3) = 303.160 MACH = 1.5552 RN/L = 4.0977 Q(PSF) = 924.64 P = 546.13

SECTION ( )IET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1535		-.1505	-.1961	-.2313	-.2806	-.0228
45.000				-.1984			
90.000			-.1677	-.1728	-.2059	-.2390	-.1127
135.000				-.1742	-.1792	-.1619	
141.000							.3476
180.000			-.1694	-.1610	-.1499	-.1980	
185.000							.0153
219.000							.1331
225.000				-.1782			
270.000		-.1603	-.1589	-.1673			-.0032
315.000				-.1433	-.1927	-.3156	-.0900

ALPHA ( ) = .032 MPSCPR(4) = 326.780 MACH = 1.5552 RN/L = 4.0977 Q(PSF) = 924.64 P = 546.13

SECTION ( )IET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1503		-.1475	-.1913	-.2283	-.2772	-.0225
45.000				-.1947			
90.000			-.1645	-.1714	-.2033	-.2362	-.1104
135.000				-.1705	-.1750	-.1601	
141.000							.3536
180.000			-.1623	-.1575	-.1477	-.1931	
185.000							.0160
219.000							.1365
225.000				-.1765			
270.000		-.1578	-.1551	-.1654			-.0011
315.000				-.1409	-.1862	-.3124	-.0877

DATE 08 FEB 78 TABULATED SOURCE DATA - IA82B

APC97-044!A82 OTS+R(SRB=OFF MPS=OFF)ET-BASE-- (REGH10) (14 MAR 75)

REFERENCE DATA

PARAMETRIC DATA

SREF = 8690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

ELV-IB = .000 ELV-DB = .000
MACH = 2.000 PT = 30.700

ALPHA (I) = -3.580 BETA (I) = -.095 MACH = 2.0007 RN/L = 3.4943 Q(PSF) = 776.44 P = 277.10

SECTION ( )ET BASE DEPENDENT VARIABLE CP

ETA	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1936		-.2143	-.2602	-.2633	-.2782	-.0359
45.000				-.2187			
90.000			-.2253	-.2274	-.2346	-.2346	.1052
135.000				-.2420	-.1876	-.1268	
180.000							.2748
225.000			-.2363	-.2395	-.2404	-.1898	
270.000							.0343
315.000							.2050
360.000				-.2197			
405.000							.1938
450.000		-.2164	-.2230	-.1587			
495.000				-.2132	-.2607	-.2638	-.0179

ALPHA (2) = .374 BETA (I) = -4.043 MACH = 2.0007 RN/L = 3.4975 Q(PSF) = 776.95 P = 277.28

SECTION ( )ET BASE DEPENDENT VARIABLE CP

ETA	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1776		-.1956	-.2399	-.2488	-.2602	-.0477
45.000				-.2195			
90.000			-.2358	-.2509	-.2552	-.2556	.1071
135.000				-.2422	-.1800	.0007	
180.000							.4484
225.000			-.2333	-.2395	-.2310	-.2247	
270.000							.0259
315.000							.0839
360.000				-.2025			
405.000							.0602
450.000		-.1994	-.2087	-.1476			
495.000				-.2059	-.2556	-.2661	-.0554

ARC97-044IA82 OTS+R(SRB=OFF MPS=OFF)ET-BASE-- (RE6H10)

ALPHA (2) = .387 BETA (2) = -.136 MACH = 2.0007 RN/L = 3.4975 Q(PSF) = 776.95 P = 277.28

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1788		-.1951	-.2422	-.2492	-.2693	-.0443
45.000				-.2059			
90.000			-.2200	-.2257	-.2321	-.2340	.1027
135.000				-.2414	-.1666	-.0785	
141.000							.3424
180.000			-.2319	-.2356	-.2317	-.1804	
186.000							.0752
219.000							.2261
225.000				-.2057			
270.000		-.2055	-.2105	-.1517			.1492
315.000				-.2056	-.2546	-.2580	-.0186

ALPHA (2) = .374 BETA (3) = 3.945 MACH = 2.0007 RN/L = 3.4975 Q(PSF) = 776.95 P = 277.28

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1757		-.1955	-.2512	-.2527	-.2564	-.0439
45.000				-.2415			
90.000			-.1993	-.2111	-.2135	-.2102	.0353
135.000				-.1979	-.2084	-.2141	
141.000							.1496
180.000			-.2034	-.2200	-.2294	-.2352	
186.000							.0723
219.000							.3901
225.000				-.2415			
270.000		-.2078	-.2195	-.1631			.1627
315.000				-.1865	-.2382	-.2527	.0175

ALPHA (3) = 4.540 BETA (1) = -.095 MACH = 2.0007 RN/L = 3.5028 Q(PSF) = 777.20 P = 277.37

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1691		-.1751	-.2290	-.2364	-.2570	-.0273
45.000				-.2040			
90.000			-.2003	-.2090	-.2110	-.2121	.0370
135.000				-.2324	-.1502	-.0495	
141.000							.4137
180.000			-.2209	-.2222	-.2102	-.1716	
186.000							.1307

APC97-0441A82 OTS+R(SRB=OFF MPS=OFF)ET-BASE-- (RE6H10)

ALPHA (3) = 4.540 BETA (1) = -.095

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2584
225.000				-.1925			
270.000		-.1936	-.1981	-.1438			.0860
315.000				-.1935	-.2559	-.2638	-.0283

DATE 08 FEB 76 TABULATED SOURCE DATA - IA82B

ARC97-044IA82 OTS+R(SRB=NOM- MPS=NOM)ET-BASE-- (REGHII) (14 MAR 75)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2880.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1680.0000 IN. YMRP = .0000 IN. YT
BREF = 1920.0000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA 1) = -3.627 BETA (1) = -.095 MACH = 2.0003 RN/L = 3.5423 Q(PSF) = 778.16 P = 277.84

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1077		-.1213	-.1583	-.1733	-.2052	-.0361
45.000				-.1380			
90.000			-.1323	-.1527	-.1571	-.1555	.1016
135.000				-.1224	-.1159	-.0580	
141.000							.2681
180.000			-.1193	-.1143	-.1059	-.1350	
186.000							.0337
219.000							.2158
270.000		-.1220	-.1261	-.1378			
315.000				-.1081			.2029
				-.1140	-.1536	-.1838	-.0212

ALPHA 2) = .320 BETA (1) = -4.046 MACH = 2.0003 RN/L = 3.5393 Q(PSF) = 778.16 P = 277.84

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1114		-.1323	-.1648	-.1916	-.2212	-.0471
45.000				-.1489			
90.000			-.1705	-.1868	-.1959	-.2005	.0960
135.000				-.1832	-.1185	.0084	
141.000							.4446
180.000			-.1330	-.1284	-.1270	-.1376	
186.000							.0241
219.000							.0827
270.000		-.1213	-.1189	-.1530			
315.000				-.1094			.0750
				-.1073	-.1332	-.2073	-.0548

DATE 05 FEB 78 TABULATED SOURCE DATA - IA82B

ARC97-044IA82 OTS+R(SRB=NOM- MPS=NOM)ET-BASE-- (RE6H11)

ALPHA (2) = .326 BETA (2) = -.132 MACH = 2.0003 RN/L = 3.5393 Q(PSF) = 778.16 P = 277.84

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1032		-.1100	-.1381	-.1563	-.1931	-.0437
45.000				-.1300			
90.000			-.1230	-.1491	-.1485	-.1469	.0930
135.000				-.1241	-.1128	-.0369	
141.000							.3370
180.000			-.1111	-.1106	-.1012	-.1290	
186.000							.0761
210.000							.2390
225.000				-.1324			
270.000		-.1148	-.1197	-.1084			.1604
315.000				-.1018	-.1395	-.1983	-.0188

ALPHA (2) = .313 BETA (3) = 3.952 MACH = 2.0003 RN/L = 3.5393 Q(PSF) = 778.16 P = 277.84

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1021		-.1079	-.1200	-.1716	-.2089	-.0449
45.000				-.1340			
90.000			-.1136	-.1290	-.1359	-.1366	.0285
135.000				-.1217	-.1279	-.1432	
141.000							.1373
180.000			-.1224	-.1483	-.1475	-.1491	
186.000							.0683
210.000							.3931
225.000				-.1574			
270.000		-.1222	-.1237	-.0971			.1719
315.000				-.1089	-.1638	-.1924	.0145

ALPHA (3) = 4.483 BETA (1) = -.095 MACH = 2.0003 RN/L = 3.5363 Q(PSF) = 777.65 P = 277.66

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1037		-.1032	-.1415	-.1595	-.1923	-.0267
45.000				-.1497			
90.000			-.1261	-.1437	-.1785	-.1757	.0167
135.000				-.1323	-.1100	-.0230	
141.000							.4155
180.000			-.1153	-.1155	-.1060	-.1356	
186.000							.1309

DATE 05 FEB 88 TABULATED SOURCE DATA - IA82B (REGH11)

ARC97-044IA82 OTS+R(SRB=NOM- MPS=NOM)ET-BASE--

ALPHA (3) = 4.463 BETA (1) = -.095

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2599
225.000				-.1257			
270.000		-.1134	-.1200	-.0905			.1011
315.000				-.0981	-.1559	-.1940	-.0293

ARC97-044IA82 OTS+R(SRB=NOM MPS=NOM)ET-BASE-- (RE6H12) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.604 BETA (1) = -.095 MACH = 2.0003 RN/L = 3.5536 Q(PSF) = 778.41 P = 277.93

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0746		-.0854	-.1028	-.1234	-.1657	-.0344
45.000				-.0958			
90.000			-.0920	-.1107	-.1161	-.1139	.1006
135.000				-.0773	-.0723	-.0423	
141.000							.2654
180.000			-.0795	-.0711	-.0624	-.0852	
186.000							.0363
219.000							.2069
225.000				-.1042			
270.000		-.0839	-.0850	-.0774			.2023
315.000				-.0747	-.0899	-.1702	-.0195

ALPHA (2) = .327 BETA (1) = -4.049 MACH = 2.0003 RN/L = 3.5496 Q(PSF) = 776.30 P = 277.18

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0741		-.0938	-.0986	-.1349	-.1847	-.0442
45.000				-.0989			
90.000			-.1261	-.1439	-.1504	-.1563	.0980
135.000				-.1210	-.0835	.0268	
141.000							.4449
180.000			-.0883	-.0868	-.0872	-.0910	
186.000							.0193
219.000							.0797
225.000				-.1099			
270.000		-.0806	-.0787	-.0718			.0758
315.000				-.0678	-.0792	-.1502	-.0568

ARC97-044IA82 OTS+R(SRB=NOM MPS=NOM)ET-BASE-- (RE6H12)

ALPHA (2) = .353 BETA (2) = -.132 MACH = 2.0003 RN/L = 3.5496 Q(PSF) = 776.30 P = 277.18

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0660		-.0719	-.0785	-.1019	-.1514	-.0420
45.000				-.1052			
90.000			-.0824	-.1002	-.1165	-.1261	.0940
135.000				-.0763	-.0746	-.0178	
141.000							.3337
180.000			-.0719	-.0691	-.0611	-.0842	
186.000							.0756
219.000							.2327
225.000				-.0890			
270.000		-.0721	-.0662	-.0714			.1592
315.000				-.0581	-.0690	-.1716	-.0199

ALPHA (2) = .323 BETA (3) = 3.952 MACH = 2.0003 RN/L = 3.5496 Q(PSF) = 776.30 P = 277.18

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0624		-.0662	-.0569	-.1016	-.1707	-.0409
45.000				-.0858			
90.000			-.0708	-.0767	-.0948	-.1276	.0307
135.000				-.0885	-.1013	-.1193	
141.000							.1369
180.000			-.0768	-.1078	-.0990	-.1209	
186.000							.0671
219.000							.3935
225.000				-.1548			
270.000		-.0680	-.0693	-.0595			.1706
315.000				-.0838	-.0838	-.1622	.0146

ALPHA (3) = 4.493 BETA (1) = -.092 MACH = 2.0003 RN/L = 3.5559 Q(PSF) = 778.16 P = 277.84

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0642		-.0622	-.0742	-.1004	-.1516	-.0255
45.000				-.1013			
90.000			-.0839	-.0918	-.1262	-.1225	.0165
135.000				-.0778	-.0737	-.0026	
141.000							.4209
180.000			-.0716	-.0832	-.0564	-.0952	
186.000							.1261

ARC97-0441A82 OTS+R(SRB=NOM MPS=NOM)ET-BASE-- (RE6H12)

ALPHA ( ) = 4.493 BETA ( ) = -.092

SECTION / : ET BASE DEPENDENT VARIABLE CP

R ROC	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
[illegible]							.2518
[illegible]				-.1059			
[illegible]		-.0675	-.0709	-.0593			.0994
[illegible]				-.0544	-.0728	-.1659	-.0282

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044IA82 OTS+R(SRB=NOM+ MPS=NOM)ET-BASE-- (RE6H13) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.624 BETA (1) = -.095 MACH = 2.0003 RN/L = 3.5557 Q(PSF) = 779.17 P = 278.20

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/B	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0391		-.0474	-.0519	.0802	-.1361	-.0305
45.000				-.0712			
90.000			-.0617	-.0790	-.0872	-.1008	.1042
135.000				-.0327	-.0282	-.0167	
180.000							.2644
225.000			-.0327	-.0271	-.0178	-.0360	
255.000							.0431
270.000							.2111
285.000				-.0609			
270.000		-.0448	-.0459	-.0275			.2047
315.000				-.0672	-.0977	-.1239	-.0202

ALPHA (2) = .327 BETA (1) = -4.049 MACH = 2.0003 RN/L = 3.5488 Q(PSF) = 777.57 P = 277.63

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/B	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0316		-.0545	-.0543	-.0594	-.1315	-.0430
45.000				-.0835			
90.000			-.0674	-.0836	-.1057	-.1197	.1007
135.000				-.0672	-.0691	.0576	
180.000							.4469
225.000			-.0446	-.0436	-.0457	-.0479	
255.000							.0210
270.000							.0853
285.000				-.0506			
270.000		.0373	-.0389	-.0103			.0844
315.000				-.0516	-.0703	-.1332	-.0532

ARC97-044IA82 CTS+R(SRB=NOM+ MPS=NOM)ET-BASE-- (RE6H13)

ALPHA (2) = .329 BETA (2) = -.132 MACH = 2.0003 RN/L = 3.5488 Q(PSF) = 777.57 P = 277.63

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
000	-.0285		-.0232	-.0184	-.0351	-.1153	-.0397
+5.000				-.0642			
90.000			-.0291	-.0427	-.0537	-.0611	.0994
135.000				-.0476	-.0500	-.0009	
141.000							.3354
180.000			-.0397	-.0478	-.0360	-.0535	
225.000							.0796
270.000							.2367
285.000				-.0695			
270.000		-.0267	-.0252	-.0021			.1632
315.000				-.0386	-.0517	-.1308	-.0177

ALPHA (2) = .320 BETA (3) = 3.949 MACH = 2.0003 RN/L = 3.5488 Q(PSF) = 777.57 P = 277.63

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
000	-.0211		-.0142	-.0111	-.0107	-.1021	-.0398
+5.000				-.0372			
90.000			-.0204	-.0285	-.0458	-.0653	.0323
135.000				-.0246	-.0523	-.0822	
141.000							.1283
180.000			-.0319	-.0680	-.0894	-.1082	
225.000							.0664
270.000							.3951
285.000				-.0905			
270.000		-.0197	-.0184	-.0146			.1724
315.000				-.0201	-.0418	-.1442	.0159

ALPHA (3) = 4.459 BETA (1) = -.095 MACH = 2.0003 RN/L = 3.5572 Q(PSF) = 780.69 P = 278.74

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
000	-.0217		-.0091	.0010	- 0150	-.0982	-.0216
+5.000				-.0345			
90.000			-.0233	-.0306	-.0548	-.0744	.0230
135.000				-.0387	-.0414	.0155	
141.000							.4222
180.000			-.0365	-.0376	-.0247	-.0568	
225.000							.1288

AP097-044IA82 OTS+R(SRB=NOM+ MPS=NOM)ET-BASE-- (RE6H13)

ALPHA (3) = 4.459 BETA (1) = -.095

SECTION 1 NET BASE DEPENDENT VARIABLE CP

R POO	.0000	.4500	.6350	.8+00	.8950	.9460	1.0000
PHI							
810 000							.2539
835 000				-.0361			
900 000		- 0149	-.0180	.0003			.1028
915 000				-.0040	-.0216	-.0887	-.0240

TABULATED SOURCE DATA - IA82B

AR03T-044-IA82 OTS+R,SRB=NOM++ MPS=NOM JET-BASE-- (REBH14) (14 MAR 75)

REFERENCE DATA

PARAMETRIC DATA

XMRP = 976.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 400.0000 IN. ZT

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA = -3.945 BETA (I) = -.095 MACH = 2.0003 RN/L = 3.5543 Q(PSF) = 779.17 P = 278.20

SECTION 1 JET BASE DEPENDENT VARIABLE CP

	-.400	.8350	.8400	.8950	.9460	1.0000
		.0167	.0167	.0195	-.0673	-.0271
			.0105			
		.0032	-.0197	-.0517	-.0582	.1098
			.0350	.0404	.0329	
						.2593
		.0379	.0390	.0421	.0334	
						.0568
						.2032
			-.0011			
	.0163	.0165	.0024			.2080
			.0188	-.0035	-.0527	-.0194

ALPHA = -3.945 BETA (I) = -4.045 MACH = 2.0003 RN/L = 3.5465 Q(PSF) = 777.74 P = 277.69

SECTION 1 JET BASE DEPENDENT VARIABLE CP

	.0100	.4500	.8350	.8400	.8950	.9460	1.0000
	.0373		.0380	.0236	.0259	.0178	-.0339
				.0159			
			.0039	-.0169	-.0382	-.0313	.1087
				.0559	.0474	.1180	
							.4453
			.0413	.0496	.0450	.0239	
							.0421
							.0991
				.0300			
		.0382	.0318	.0507			.1024
				.0301	.0209	.0169	-.0516

TABULATED SOURCE DATA - !A82B

ARC97-044!A82 OTS+R(SRB=NOM++ MPS=NOM)ET-BASE-- (REGH14)

ALPHA (2) = .333 BETA (2) = -.132 MACH = 2.0003 RN/L = 3.5465 Q(PSF) = 777.74 P = 277.69

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
R+I							
.000	.0365		.0389	.0472	.0429	-.0195	-.0232
45.000				.0332			
90.000			.0318	.0059	-.0280	-.0310	.1058
135.000				.0501	.0555	.0606	
180.000							.3322
225.000			.0520	.0538	.0581	.0433	
270.000							.0929
315.000							.2341
360.000				.0208			
405.000				.0346			.1644
315.000		.0386	.0371	.0446	.0208	.0400	-.0186

ALPHA (2) = .330 BETA (3) = 3.949 MACH = 2.0003 RN/L = 3.5465 Q(PSF) = 777.74 P = 277.69

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
R+I							
.000	.0342		.0499	.0520	.0584	.0587	-.0283
45.000				.0509			
90.000			.0475	.0507	.0516	.0079	.0434
135.000				.0461	.0409	.0097	
180.000							.1191
225.000			.0439	.0202	.0079	-.0172	
270.000							.0626
315.000							.3911
360.000				.0402			
405.000				.0543			.1746
315.000		.0439	.0389	.0517	.0434	.0077	.0171

ALPHA (2) = -.609 BETA (1) = -.095 MACH = 2.0003 RN/L = 3.5345 Q(PSF) = 776.89 P = 277.39

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
R+I							
.000	.0488		.0553	.0527	.0539	.0095	-.0089
45.000				.0423			
90.000			.0447	.0295	.0140	-.0238	.0457
135.000				.0594	.0625	.0727	
180.000							.4174
225.000			.0577	.0638	.0707	.0465	
270.000							.1322

ARC97-044IA82 OTS+R(SRB=NOM++ MPS=NOM)ET-BASE-- (REGH14)

ALPHA (P. = 4.503 BETA (1) = -.095

SECTION ET BASE DEPENDENT VARIABLE CP

R ROD	.0000	.4600	.6350	.8400	.8950	.9460	1.0000
PH)							
213.000							.2496
225.000				.0248			
237.000		.0513	.0502	.0568			.1019
312.000				.0576	.0511	.0277	-.0128

ARC97-044IA82 OTS+R(SRB=VARY MPS=NOM)ET-BASE-- (RE6H15) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.000
PT = 30.700

ALPHA (1) = .366 SRBCPR(1) = 222.360 MACH = 2.0003 RN/L = 3.5344 Q(PSF) = 778.92 P = 278.11

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0883		-.0922	-.1112	-.1328	-.1734	-.0425
45.000				-.1104			
90.000			-.1015	-.1295	-.1293	-.1282	.0899
135.000				-.1028	-.0963	-.0285	
141.000							.3347
180.000			-.0940	-.0920	-.0827	-.1137	
186.000							.0796
219.000							.2429
225.000				-.1141			
270.000		-.0956	-.0962	-.0948			.1625
315.000				-.0832	-.1043	-.1897	-.0171

ALPHA (1) = .366 SRBCPR(2) = 253.320 MACH = 2.0003 RN/L = 3.5344 Q(PSF) = 778.92 P = 278.11

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0766		-.0823	-.0935	-.1188	-.1630	-.0434
45.000				-.0977			
90.000			-.0903	-.1167	-.1169	-.1150	.0903
135.000				-.0918	-.0881	-.0262	
141.000							.3324
180.000			-.0839	-.0821	-.0745	-.1041	
186.000							.0790
219.000							.2443
225.000				-.1008			
270.000		-.0341	-.0801	-.0861			.1630
315.000				-.0723	-.0850	-.1854	-.0188

APC97-044IA82 OTS+R(SRB=NOM MPS=NOM-)ET-BASE-- (RE6416) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.641 BETA (1) = -.095 MACH = 2.0003 RN/L = 3.5386 Q(PSF) = 778.41 P = 277.93

SECTION (1)ET BASE DEPENDENT VARIABLE CP

P/POD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0825		-.0973	-.1251	-.1487	-.1867	-.0348
45.000				-.1515			
90.000			-.1039	-.1169	-.1282	-.1501	.1006
135.000				-.0944	-.0914	-.0534	
141.000							.2677
180.000			-.0916	-.0859	-.0795	-.1003	
186.000							.0357
219.000							.2148
225.000				-.1486			
270.000		-.0933	-.0925	-.0633			.2187
315.000				-.1233	-.1477	-.1661	-.0229

ALPHA (2) = .306 BETA (1) = -4.046 MACH = 2.0003 RN/L = 3.5396 Q(PSF) = 779.59 P = 278.35

SECTION (1)ET BASE DEPENDENT VARIABLE CP

P/POD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0833		-.1119	-.1226	-.1506	-.1911	-.0451
45.000				-.1145			
90.000			-.1379	-.1515	-.1583	-.1616	.0956
135.000				-.1361	-.0925	.0187	
141.000							.4461
180.000			-.1039	-.1019	-.1013	-.1052	
186.000							.0215
219.000							.0816
225.000				-.1313			
270.000		-.0938	-.0943	-.0979			.0781
315.000				-.0975	-.1296	-.1719	-.0549

ARC97-044IA82 OTS+R(SRB=NOM MPS=NOM-)ET-BASE-- (RE6H16)

ALPHA (2) = .319 BETA (2) = -.135 MACH = 2.0003 RN/L = 3.5396 Q(PSF) = 779.59 P = 278.35

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0709		-.0730	-.0800	-.1036	-.1546	-.0428
45.000				-.1182			
90.000			-.0767	-.0913	-.1124	-.1146	.0941
135.000				-.1192	-.1063	-.0329	
141.000							.3357
180.000			-.1124	-.1157	-.0975	-.1237	
186.000							.0749
219.000							.2344
225.000				-.1538			
270.000		-.0751	-.0763	-.0494			.1600
315.000				-.0804	-.1217	-.1685	-.0197

ALPHA (2) = .310 BETA (3) = 3.952 MACH = 2.0003 RN/L = 3.5396 Q(PSF) = 779.59 P = 278.35

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0699		-.0768	-.0748	-.1093	-.1860	-.0439
45.000				-.0974			
90.000			-.0823	-.0876	-.1071	-.1483	.0262
135.000				-.0942	-.1027	-.1241	
141.000							.1365
180.000			-.0865	-.1108	-.1188	-.1227	
186.000							.0666
219.000							.3918
225.000				-.1501			
270.000		-.0823	-.0848	-.0568			.1716
315.000				-.0693	-.1243	-.1676	.0152

ALPHA (3) = 4.409 BETA (1) = -.098 MACH = 2.0003 RN/L = 3.5453 Q(PSF) = 780.69 P = 278.74

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0721		-.0658	-.0815	-.1116	-.1565	-.0265
45.000				-.1055			
90.000			-.0868	-.0951	-.1343	-.1297	.0149
135.000				-.0949	-.0891	-.0133	
141.000							.4150
180.000			-.0876	-.0861	-.0762	-.1108	
186.000							.1291

ARC97-044IA82 OTS+R(SRB=NOM MPS=NOM-)ET-BASE-- (RE6H16)

ALPHA (3 = +.409 BETA (1) = -.098

SECTION (ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2548
225.000				-.0956			
270.000		-.0737	-.0790	-.0592			.1024
315.000				-.0521	-.0815	-.1726	-.0282

ARC97-044)A82 OTS+R(SRB=NOM MPS=NOM+)ET-BASE-- (RE6H17) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.651 BETA (1) = -.098 MACH = 2.0003 RN/L = 3.5306 Q(PSF) = 776.89 P = 277.39

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0583		-.0670	-.0765	-.1011	-.1490	-.0339
45.000				-.0743			
90.000			-.0770	-.0921	-.0965	-.0951	.1026
135.000				-.0490	-.0481	-.0256	
141.000							.2681
180.000			-.0563	-.0451	-.0383	-.0590	
186.000							.0407
219.000							.2149
225.000				-.0901			
270.000		-.0666	-.0649	-.0645			.2196
315.000				-.0584	-.0673	-.1590	-.0218

ALPHA (2) = .306 BETA (1) = -4.046 MACH = 2.0003 RN/L = 3.5353 Q(PSF) = 777.74 P = 277.69

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0507		-.0644	-.0657	-.0785	-.1668	-.0417
45.000				-.0708			
90.000			-.0893	-.1069	-.1364	-.1591	.0979
135.000				-.0888	-.0772	.0442	
141.000							.4433
180.000			-.0630	-.0613	-.0634	-.0660	
186.000							.0229
219.000							.0832
225.000				-.0866			
270.000		-.0575	-.0569	-.0535			.0772
315.000				-.0606	-.0614	-.1035	-.0543

ARC97-044(A82 OTS+R(SRB=NOM MPS=NOM+)ET-BASE-- (REGH17)

ALPHA (2) = .313 BETA (2) = -.132 MACH = 2.0003 RN/L = 3.5353 Q(PSF) = 777.74 P = 277.69

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0466		-.0494	-.0519	-.0768	-.1354	-.0418
45.000				-.0811			
90.000			-.0598	-.0813	-.1002	-.1072	.0915
135.000				-.0501	-.0466	-.0041	
141.000							.3308
180.000			-.0488	-.0450	-.0352	-.0566	
186.000							.0742
219.000							.2349
225.000				-.0703			
270.000		-.0503	-.0464	-.0512			.1583
315.000				-.0413	-.0481	-.1317	-.0220

ALPHA (2) = .310 BETA (3) = 3.949 MACH = 2.0003 RN/L = 3.5353 Q(PSF) = 777.74 P = 277.69

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0454		-.0469	-.0465	-.0516	-.1643	-.0422
45.000				-.0755			
90.000			-.0476	-.0592	-.0754	-.0846	.0271
135.000				- 0700	-.0926	-.1125	
141.000							.1345
180.000			-.0638	-.1033	-.1084	-.1199	
186.000							.0677
219.000							.3916
225.000				-.1435			
270.000		-.0471	-.0506	-.0367			.1727
315.000				-.0581	-.1127	-.1577	.0142

ALPHA (3) = 4.493 BETA (1) = -.095 MACH = 2.0003 RN/L = 3.5400 Q(PSF) = 777.65 P = 277.56

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0435		-.0381	-.0394	-.0699	-.1302	-.0251
45.000				-.0699			
90.000			-.0592	-.0680	-.0995	-.0995	.0193
135.000				-.0508	-.0514	.0092	
141.000							.4172
180.000			-.0497	-.0442	-.0334	-.0689	
186.000							.1275

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044IA82 OTS+R(SRB=NOM MPS=NOM+)ET-BASE-- (RE6H17)

ALPHA (3) = 4.493 BETA (1) = -.095

SECTION 1 DET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PH:							
210.000							.2526
225.000				-.0731			
270.000		-.0435	-.0460	-.0335			.1033
315.000				-.0350	-.0531	-.1454	-.0276

ARC97-044(A82 OTS+R(SRB=NOM MPS=VARY)ET-BASE-- (REGHIB) (14 MAR 75)

REFERENCE DATA

SREF = 2693.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.000
PT = 30.700

ALPHA (1) = .386 MPSCPR(1) = 388.100 MACH = 2.0003 RN/L = 3.5269 Q(PSF) = 776.45 P = 277.23

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
FWD							
.000	-.0588		-.0737	-.0829	-.1068	-.1553	-.0421
45.000				-.1142			
90.000			-.0859	-.1017	-.1167	-.1282	.0933
135.000				-.0831	-.0824	-.0218	
141.000							.3319
180.000			-.0774	-.0763	-.0674	-.0951	
185.000							.0800
219.000							.2465
225.000				-.0905			
270.000			-.0743	-.0697	-.0744		.1636
315.000				-.0619	-.0724	-.1751	-.0170

ALPHA (2) = .373 MPSCPR(2) = 431.630 MACH = 2.0003 RN/L = 3.5269 Q(PSF) = 776.45 P = 277.23

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
FWD							
.000	-.0655		-.0716	-.0811	-.1051	-.1516	-.0423
45.000				-.1128			
90.000			-.0831	-.1007	-.1178	-.1255	.0930
135.000				-.0780	-.0776	-.0208	
141.000							.3338
180.000			-.0754	-.0718	-.0649	-.0893	
185.000							.0803
219.000							.2496
225.000				-.0895			
270.000			-.0721	-.0670	-.0739		.1620
315.000					-.0608	-.0595	-.1733	-.0180

ARC97-044IA82 OTS+R(SRB=NOM MPS=VARY)ET-BASE-- (RE6H18)

ALPHA = [illegible] .365 MPSCPR(3) = 618.070 MACH = 2.0003 RN/L = 3.5269 Q(PSF) = 776.45 P = 277.23

SECTION 1 JET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0568		-.0610	-.0563	-.0927	-.1430	-.0426
45.000				-.0975			
90.000			-.0735	-.0922	-.1063	-.1154	.0916
[illegible]				-.0656	-.0645	-.0162	
[illegible]							.3315
[illegible]			-.0525	-.0597	-.0522	-.0743	
[illegible]							.0786
[illegible]							.2420
[illegible]				-.0806			
[illegible]		-.0523	-.0581	-.0630			.1617
315.000				-.0520	-.0605	-.1581	-.0187

ALPHA [illegible] = .359 MPSCPR(4) = 735.140 MACH = 2.0003 RN/L = 3.5269 Q(PSF) = 776.45 P = 277.23

SECTION 1 JET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
[illegible]	-.0509		-.0550	-.0583	-.0829	-.1384	-.0419
45.000				-.0877			
[illegible]			-.0660	-.0848	-.1030	-.1106	.0913
[illegible]				-.0548	-.0534	-.0098	
[illegible]							.3318
180.000			-.0546	-.0495	-.0416	-.0630	
[illegible]							.0797
270.000							.2458
285.000				-.0710			
[illegible]		-.0561	-.0506	-.0547			.1594
[illegible]				-.0445	-.0523	-.1462	-.0191

APC97-0441A82 OTS+RISRB=OFF MPS=OFF)ET-BASE-- (RE6H19) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.373 BETA (1) = -.089 MACH = 2.2000 RN/L = 3.2316 Q(PSF) = 688.43 P = 203.20

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1554		-.1978	-.2239	-.2254	-.2317	-.0340
45.000				-.1933			
90.000			-.1982	-.2024	-.2098	-.2090	.1277
135.000				-.2094	-.1739	-.0781	
141.000							.2948
180.000			-.2020	-.2100	-.2136	-.1334	
186.000							.0745
219.000							.2428
225.000				-.1906			
270.000		-.1881	-.1941	-.1076			.2108
315.000				-.1695	-.2188	-.2132	.0139

ALPHA (2) = .591 BETA (1) = -4.036 MACH = 2.2000 RN/L = 3.2334 Q(PSF) = 688.28 P = 203.15

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1479		-.1778	-.2060	-.2070	-.2133	-.0628
45.000				-.1944			
90.000			-.2012	-.2130	-.2124	-.2133	.1555
135.000				-.1931	-.1394	.0048	
141.000							.4521
180.000			-.1865	-.1913	-.1821	-.1733	
186.000							.0422
219.000							.0897
225.000				-.1979			
270.000		-.1691	-.1834	-.0982			.0946
315.000				-.1631	-.2022	-.2127	-.0407

AP097-044-IA82 OTS+P(SRB=OFF MPS=OFF)ET-BASE-- (RE6H19)

ALPHA (2) = .600 BETA (2) = -.126 MACH = 2.2000 RN/L = 3.2334 Q(PSF) = 688.28 P = 203.15

SECTION (ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1520		-.1795	-.2134	-.2117	-.2250	-.0497
45.000				-.1834			
90.000			-.1896	-.1953	-.1993	-.1984	.1375
135.000				-.1945	-.1426	-.0488	
141.000							.3532
180.000			-.2016	-.2099	-.2086	-.1276	
186.000							.0883
219.000							.2192
225.000				-.1824			
270.000		-.1781	-.1845	-.1033			.1643
315.000				-.1623	-.2084	-.2059	-.0021

ALPHA (2) = .565 BETA (3) = 3.952 MACH = 2.2000 RN/L = 3.2334 Q(PSF) = 688.28 P = 203.15

SECTION (ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1547		-.1715	-.2155	-.2083	-.2094	-.0606
45.000				-.2058			
90.000			-.1773	-.1882	-.1874	-.1857	.0317
135.000				-.1781	-.1791	-.1787	
141.000							.1922
180.000			-.1795	-.1835	-.1996	-.2009	
186.000							.1177
219.000							.4189
225.000				-.2004			
270.000		-.1814	-.1922	-.1075			.1970
315.000				-.1472	-.1953	-.2121	.0303

ALPHA (3) = 4.757 BETA (1) = -.089 MACH = 2.2000 RN/L = 3.2435 Q(PSF) = 688.43 P = 203.20

SECTION (ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1451		-.1589	-.1976	-.1977	-.2172	-.0330
45.000				-.1761			
90.000			-.1724	-.1776	-.1799	-.1804	.0528
135.000				-.1982	-.1204	-.0192	
141.000							.3873
180.000			-.1891	-.1894	-.1850	-.1260	
186.000							.1182

ARC97-044:A82 CTS+R:SRB=OFF MPS=OFF JET-BASE-- (RE6H19)

ALPHA (3) = 4.757 BETA (11) = -.089

SECTION (JET BASE DEPENDENT VARIABLE CP

R/RDD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
BH							
219.000							.2249
295.000				-.1662			
370.000			-.1670	-.1720	-.0940		.1265
315.000					-.1532	-.2112	-.2134	-.0112

DATE 06 FEB 78 TABULATED SOURCE DATA - IA82B (REV6H20) (14 MAR 75)

ARC97-044IA82 OTS+R(SRB=NOM- MPS=NOM)ET-BASE--

PARAMETRIC DATA

ELV-1B = .000 ELV-08 = .000
MACH = 2.200 PT = 30.700

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

ALPHA (1) = -3.410 BETA (1) = -.092 MACH = 2.2005 RN/L = 3.2518 Q(PSF) = 683.06 P = 201.52

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0675		-.0909	-.1080	-.1230	-.1553	-.0278
45.000				-.0924			
90.000			-.0976	-.1172	-.1190	-.1188	.1171
135.000				-.0813	-.0764	-.0249	
141.000							.2904
180.000			-.0785	-.0709	-.0616	-.0892	
186.000							.0728
213.000							.2526
225.000				-.0976			
270.000		-.0788	-.0842	-.0471			.2174
315.000				-.0704	-.1127	-.1429	.0124

ALPHA (2) = .528 BETA (1) = -4.045 MACH = 2.2005 RN/L = 3.2696 Q(PSF) = 686.42 P = 202.51

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0801		-.0982	-.0974	-.1292	-.1721	-.0596
45.000				-.1057			
90.000			-.1314	-.1403	-.1430	-.1478	.1428
135.000				-.1132	-.0905	-.0128	
141.000							.4422
180.000			-.0947	-.0939	-.0818	-.0993	
186.000							.0391
213.000							.0880
225.000				-.1172			
270.000		-.0887	-.0830	-.0569			.0885
315.000				-.0765	-.0924	-.1068	-.0421

APC97-044(A82 OTS+R(SRB=NOM- MPS=NOM)ET-BASE-- (RE6H20)

ALPHA (2) = .547 BETA (2) = -.132 MACH = 2.2005 RN/L = 3.2696 Q(PSF) = 686.42 P = 202.51

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0704		-.0785	-.0889	-.1086	-.1423	-.0487
45.000				-.0866			
90.000			-.0918	-.1140	-.1153	-.1166	.1237
135.000				-.0895	-.0760	-.0117	
180.000							.3431
225.000			-.0803	-.0776	-.0693	-.0852	
270.000							.0865
315.000							.2302
360.000				-.0957			
270.000		-.0780	-.0824	-.0508			.1778
315.000				-.0650	-.0871	-.1521	-.0025

ALPHA (2) = .581 BETA (3) = 3.958 MACH = 2.2005 RN/L = 3.2696 Q(PSF) = 686.42 P = 202.51

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0600		-.0670	-.0664	-.0726	-.1529	-.0570
45.000				-.0753			
90.000			-.0770	-.0794	-.0874	-.1213	.0179
135.000				-.0770	-.0795	-.0938	
180.000							.1908
225.000			-.0834	-.1041	-.1142	-.1200	
270.000							.1152
315.000							.4159
360.000				-.1072			
270.000		-.0770	-.0799	-.0260			.2016
315.000				-.0594	-.1127	-.1452	.0276

ALPHA (3) = -.837 BETA (1) = -.009 MACH = 2.2005 RN/L = 3.2779 Q(PSF) = 688.66 P = 203.17

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0727		-.0770	-.1009	-.1191	-.1475	-.0317
45.000				-.1199			
90.000			-.0882	-.1079	-.1260	-.1320	.0443
135.000				-.1031	-.0770	.0111	
180.000							.3797
225.000			-.0864	-.0857	-.0728	-.0882	
270.000							.1131

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044IA82 OTS+R(SRB=NOM- MPS=NOM)ET-BASE-- (RE6H20)

ALPHA (3) = 4.637 BETA (1) = -.089

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2255
225.000				-.0959			
270.000		-.0774	-.0789	-.0591			.1302
315.000				-.0643	-.0807	-.1547	-.0153

ARC97-044IA82 OTS+R(SRB=NOM MPS=NOM)ET-BASE-- (RE6H21) (14 MAR 75)

REFERENCE DATA

PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	ELV-1B =	.000	ELV-08 =	.000
LREF =	1290.3000 IN.	YMRP =	.0000 IN. YT	MACH =	2.200	PT =	30.700
BREF =	1890.3000 IN.	ZMRP =	400.0000 IN. ZT				
SCALE =	.0100						

ALPHA (1) = -3.413 BETA (1) = -.089 MACH = 2.2000 RN/L = 3.2486 Q(PSF) = 687.76 P = 203.00

SECTION	)ET BASE			DEPENDENT VARIABLE CP			
R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
000	-.0405		-.0480	-.0554	-.0799	-.1217	-.0261
45.000				-.0542			
90.000			-.0647	-.0844	-.0874	-.0870	.1196
135.000				-.0351	-.0321	.0072	
141.000							.2858
180.000			-.0403	-.0289	-.0213	-.0417	
225.000							.0742
270.000							.2486
315.000				-.0751			
360.000		-.0463	-.0453	-.0238			.2165
315.000				-.0404	-.0479	-.1277	.0101

ALPHA 2 = .548 BETA (1) = -4.036 MACH = 2.2000 RN/L = 3.2452 Q(PSF) = 687.98 P = 203.07

SECTION	)ET BASE			DEPENDENT VARIABLE CP			
R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
000	-.0429		-.0568	-.0572	-.0551	-.1372	-.0534
45.000				-.0608			
90.000			-.0887	-.0933	-.0987	-.1054	.1416
135.000				-.0775	-.0576	.0288	
141.000							.4479
180.000			-.0603	-.0560	-.0549	-.0576	
225.000							.0370
270.000							.0902
315.000				-.0750			
360.000		-.0502	-.0496	-.0217			.0933
315.000				-.0414	-.0539	-.0811	-.0404

APC97-044IA82 OTS+R(SRB=NOM MPS=NOM)ET-BASE-- (RE6H21)

ALPHA (2) = .550 BETA (2) = -.129 MACH = 2.2000 RN/L = 3.2452 Q(PSF) = 687.98 P = 203.07

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0368		-.0374	-.0357	-.0591	-.1237	-.0429
45.000				-.0455			
90.000			-.0397	-.0726	-.0799	-.0757	.1197
135.000				-.0517	-.0466	.0091	
180.000							.3478
225.000			-.0457	-.0432	-.0321	-.0499	
270.000							.0875
315.000							.2249
335.000				-.0533			
350.000		-.0374	-.0299	-.0200			.1787
315.000				-.0287	-.0375	-.1038	-.0023

ALPHA (2) = .688 BETA (3) = 3.949 MACH = 2.2000 RN/L = 3.2452 Q(PSF) = 687.98 P = 203.07

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0334		-.0267	-.0238	-.0191	-.0726	-.0545
45.000				-.0371			
90.000			-.0343	-.0354	-.0468	-.0851	.0194
135.000				-.0406	-.0466	-.0659	
180.000							.1869
225.000			-.0462	-.0632	-.0709	-.0811	
270.000							.1140
315.000							.4151
340.000				-.0702			
350.000		-.0306	-.0366	.0050			.2039
315.000				-.0186	-.0333	-.1259	.0290

ALPHA (2) = 4.643 BETA (1) = -.089 MACH = 2.2000 RN/L = 3.2472 Q(PSF) = 688.88 P = 203.33

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0381		-.0343	-.0193	-.0427	-.1120	-.0251
45.000				-.0431			
90.000			-.0295	-.0404	-.0699	-.0788	.0451
135.000				-.0760	-.0647	.0218	
180.000							.3861
225.000			-.0609	-.0758	-.0591	-.0776	
270.000							.1200

DATE 05 FEB 76 TABULATED SOURCE DATA - IA82B

ARC97-044IA82 OTS+R(SRB=NOM MPS=NOM)ET-BASE-- (RE6H21)

ALPHA (3) = 4.643 BETA (1) = -.089

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PW(							
619.000							.2288
605.000				-.0745			
579.000		-.0313	-.0315	.0125			.1337
519.000				-.0195	-.0464	-.1087	-.0102

AR387-044IA82 OTS+R/SRB=NOM+ MPS=NOM)ET-BASE-- (RE6H22) (14 MAR 75)

REFERENCE DATA

SREF = 2980.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.410 BETA (1) = -.092 MACH = 2.2000 RN/L = 3.2475 Q(PSF) = 687.09 P = 202.80

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0041		.0035	.0058	-.0016	-.0750	-.0162
45.000				-.0009			
90.000			-.0153	-.0379	-.0527	-.0585	.1263
135.000				.0242	.0316	.0530	
141.000							.2902
180.000			.0221	.0291	.0366	.0210	
186.000							.0857
219.000							.2496
225.000				-.0232			
270.000		.0047	.0074	.0189			.2226
315.000				.0058	.0050	-.0311	.0157

ALPHA (2) = .528 BETA (1) = -4.036 MACH = 2.2000 RN/L = 3.2683 Q(PSF) = 692.09 P = 204.28

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0096		-.0038	-.0016	.0015	-.0076	-.0433
45.000				-.0117			
90.000			-.0170	-.0371	-.0486	-.0602	.1529
135.000				.0125	.0064	.0762	
141.000							.4519
180.000			.0067	.0189	.0139	.0120	
186.000							.0465
219.000							.0995
225.000				-.0013			
270.000		.0071	.0063	.0408			.1010
315.000				.0035	-.0099	-.0223	-.0339

ARC97-044IA82 OTS+R(SRB=NOM+ MPS=NOM)ET-BASE-- (RE6H22)

ALPHA (2) = .547 BETA (2) = -.129 MACH = 2.2000 RN/L = 3.2683 Q(PSF) = 692.09 P = 204.28

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0026		.0149	.0292	.0286	-.0261	-.0362
45.000				-.0176			
90.000			.0083	-.0005	-.0027	-.0072	.1300
135.000				-.0290	-.0171	.0249	
141.000							.3500
180.000			-.0096	-.0233	-.0111	-.0245	
198.000							.0926
210.000							.2247
225.000				-.0264			
270.000		.0161	.0266	.0638			.1853
315.000				-.0023	-.0156	-.0728	.0009

ALPHA (2) = .531 BETA (3) = 3.949 MACH = 2.2000 RN/L = 3.2683 Q(PSF) = 692.09 P = 204.28

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0119		.0230	.0252	.0281	.0272	-.0478
45.000				.0205			
90.000			.0250	.0269	.0262	.0085	.0219
135.000				.0094	-.0018	-.0266	
141.000							.1805
180.000			.0086	-.0284	-.0474	-.0806	
198.000							.1145
210.000							.4154
225.000				-.0572			
270.000		.0178	.0180	.0402			.2034
315.000				.0142	-.0020	-.0784	.0299

ALPHA (3) = -.647 BETA (1) = -.089 MACH = 2.2000 RN/L = 3.2411 Q(PSF) = 685.52 P = 202.34

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0189		.0320	.0426	.0498	.0028	-.0176
45.000				.0159			
90.000			.0254	.0170	.0041	-.0187	.0446
135.000				-.0341	-.0237	.0385	
141.000							.3829
180.000			.0085	-.0219	-.0091	-.0258	
198.000							.1195

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044!A82 OTS+R(SRB=NOM+ MPS=NOM)ET-BASE-- (RE6H22)

ALPHA (3! = 4 547 BETA (1) = -.089

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PW:							
219.000							.2211
225.000				.0110			
231.000		.0347	.0376	.0707			.1339
315.000				.0387	.0206	-.0047	-.0070

ARC97-044IA82 OTS+R(SRB=NOM++ MPS=NOM)ET-BASE-- (RE6H23) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.413 BETA (1) = -.092 MACH = 2.2000 RN/L = 3.2701 Q(PSF) = 689.11 P = 203.40

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/RTO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
[illegible]							
[illegible]	.0619		.0505	.0486	.0541	.0010	-.0090
[illegible]				.0517			
[illegible]			.0347	.0147	-.0148	-.0223	.1259
[illegible]				.0742	.0792	.0881	
[illegible]							.2803
[illegible]			.0786	.0798	.0798	.0736	
[illegible]							.0968
[illegible]							.2463
[illegible]				.0364			
[illegible]		.0488	.0490	.0717			.2222
[illegible]				.0472	.0460	.0327	.0153

ALPHA (2) = .548 BETA (1) = -4.036 MACH = 2.2000 RN/L = 3.2566 Q(PSF) = 686.94 P = 202.76

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/RTO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
[illegible]							
[illegible]	.0590		.0472	.0458	.0503	.0509	-.0291
[illegible]				.0387			
[illegible]			.0397	.0161	-.0124	-.0120	.1582
[illegible]				.0912	.0946	.1423	
[illegible]							.4413
[illegible]			.0806	.0887	.0892	.0663	
[illegible]							.0826
[illegible]							.1136
[illegible]				.0678			
[illegible]		.0576	.0543	.0824			.1126
[illegible]				.0524	.0497	.0451	-.0292

ARC97-044IA82 OTS+R(SRB=NOM++ MPS=NOM)ET-BASE-- (RE6H23)

ALPHA (2) = .567 BETA (2) = -.125 MACH = 2.2000 RN/L = 3.2566 Q(PSF) = 686.94 P = 202.76

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/RCD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0549		.0619	.0795	.0795	.0560	-.0051
45.000				.0565			
90.000			.0509	.0300	.0003	-.0076	.1342
135.000				.0578	.0787	.0764	
141.000							.3355
180.000			.0590	.0818	.0727	.0575	
186.000							.1047
219.000							.2184
225.000				.0530			
270.000		.0818	.0938	.1257			.1777
315.000				.0492	.0323	.0121	-.0008

ALPHA (2) = .548 BETA (3) = 3.949 MACH = 2.2000 RN/L = 3.2566 Q(PSF) = 686.94 P = 202.76

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0725		.0767	.0804	.0842	.0821	.0222
45.000				.0820			
90.000			.0854	.0868	.0984	.0834	.0520
135.000				.0617	.0617	.0309	
141.000							.1639
180.000			.0709	.0373	.0078	-.0171	
186.000							.1104
219.000							.4092
225.000				.0242			
270.000		.0892	.0694	.0996			.2039
315.000				.0759	.0647	.0336	.0311

ALPHA (3) = 4.660 BETA (1) = -.092 MACH = 2.2000 RN/L = 3.2630 Q(PSF) = 687.31 P = 202.87

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0674		.0821	.0974	.1010	.0971	.0307
45.000				.0691			
90.000			.0641	.0599	.0507	.0099	.0598
135.000				.0569	.0628	.0898	
141.000							.3758
180.000			.0666	.0672	.0761	.0638	
186.000							.1297

ARC97-044:A82 OTS+R(SRB=NOM++ MPS=NOM)ET-BASE-- (REGH23)

ALPHA 3 = +.650 BETA (1) = -.092

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R.ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
R=1							
[illegible]							.2173
[illegible]				.0767			
[illegible]		.0989	.1039	.1281			.1522
[illegible]				.0790	.0565	.0430	.0124

ARC97-044!A82 OTS+R(SRB=VARY MPS=NOM)ET-BASE-- (RE6H24) (14 MAR 75)

REFERENCE DATA

SREF = [illegible] SQ FT. YMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = 000 ELV-16 = .000
ELV-08 = .000 MACH = 2.200
PT = 30.700

ALPHA (1) = .577 SRBCPR(1) = 294.710 MACH = 2.2005 RN/L = 3.2867 Q(PSF) = 688.99 P = 203.27

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

PHI	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
.000	-.0554		-.0606	-.0641	-.0883	-.1332	-.0496
45.000				-.0675			
90.000			-.0660	-.0973	-.0998	-.0968	.1109
135.000				-.0745	-.0652	-.0052	
141.000							.3346
180.000			-.0643	-.0645	-.0521	-.0761	
180.000							.0868
219.000							.2379
225.000				-.0797			
270.000		-.0606	-.0610	-.0389			.1776
315.000				-.0506	-.0613	-.1399	-.0037

ALPHA (1) = .593 SRBCPR(2) = 332.710 MACH = 2.2005 RN/L = 3.2867 Q(PSF) = 688.99 P = 203.27

SECTION ( )ET BASE DEPENDENT VARIABLE CP

PHI	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
.000	-.0437		-.0472	-.0481	-.0712	-.1265	-.0464
45.000				-.0537			
90.000			-.0512	-.0809	-.0958	-.0823	.1112
135.000				-.0614	-.0531	.0026	
141.000							.3366
180.000			-.0520	-.0512	-.0404	-.0616	
180.000							.0887
219.000							.2405
225.000				-.0649			
270.000		-.0470	-.0452	-.0310			.1773
315.000				-.0397	-.0481	-.1245	-.0021

TABULATED SOURCE DATA - IA82B

ARC97-044;A82 OTS+R(SRB=VARY MPS=NOM)ET-BASE-- (RE6424)

ALPHA ( ) = .577 SRBCPR(3) = 455.270 MACH = 2.2005 RN/L = 3.2867 Q(PSF) = 688.99 P = 203.27

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R POD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0225		-.0231	-.0204	-.0267	-.1032	-.0434
45.000				-.0310			
90.000			-.0254	-.0481	-.0529	-.0517	.1118
135.000				-.0295	-.0265	.0179	
180.000							.3324
191.000			-.0264	-.0352	-.0153	-.0324	
245.000							.0887
270.000							.2358
295.000				-.0392			
270.000		-.0241	-.0167	-.0089			.1766
315.000				-.0170	-.0232	-.0650	-.0044

ALPHA ( ) = .577 SRBCPR(4) = 553.530 MACH = 2.2005 RN/L = 3.2867 Q(PSF) = 688.99 P = 203.27

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R POD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0061		-.0052	-.0044	-.0027	-.0762	-.0393
45.000				-.0242			
90.000			-.0149	-.0283	-.0463	-.0609	.1154
135.000				-.0003	.0061	.0369	
180.000							.3313
225.000			-.0030	.0040	.0152	-.0027	
245.000							.0910
270.000							.2377
295.000				-.0213			
270.000		-.0067	.0011	.0103			.1801
315.000				.0018	-.0033	-.0223	-.0016

ARC97-044!A82 OTS+R(SRB=NOM MPS=NOM-)ET-BASE-- (RE6M25) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.420 BETA (1) = -.092 MACH = 2.2005 RN/L = 3.2815 Q(PSF) = 688.66 P = 203.17

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0537		-.0651	-.0802	-.1022	-.1361	-.0275
45.000				-.0734			
90.000			-.0777	-.1005	-.1045	-.1026	.1208
135.000				-.0624	-.0589	-.0144	
141.000							.2902
180.000			-.0615	-.0541	-.0450	-.0705	
185.000							.0746
219.000							.2519
225.000				-.0835			
270.000		-.0618	-.0630	-.0392			.2198
315.000				-.0550	-.0766	-.1371	.0121

ALPHA (2) = .521 BETA (1) = -4.042 MACH = 2.2005 RN/L = 3.2802 Q(PSF) = 688.66 P = 203.17

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0626		-.0814	-.0821	-.0971	-.1573	-.0577
45.000				-.0875			
90.000			-.1140	-.1239	-.1256	-.1298	.1453
135.000				-.0982	-.0738	.0181	
141.000							.4406
180.000			-.0808	-.0804	-.0796	-.0842	
185.000							.0391
219.000							.0878
225.000				-.0957			
270.000		-.0709	-.0651	-.0427			.0897
315.000				-.0586	-.0708	-.1167	-.0429

APC97-044IA82 OTS+R(SRB=NOM MPS=NOM-)ET-BASE-- (RES=25)

ALPHA (2) = .520 BETA (2) = -.125 MACH = 2.2005 RN/L = 3.2802 Q(PSF) = 688.66 P = 203.17

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
B=1							
.000	-.0514		-.0547	-.0545	-.0806	-.1312	-.0486
48.000				-.0607			
90.000			-.0593	-.0897	-.0966	-.0931	.1284
135.000				-.0715	-.0631	-.0032	
171.000							.3418
180.000			-.0644	-.0638	-.0523	-.0717	
210.000							.0879
270.000							.2320
308.000				-.0688			
330.000		-.0543	-.0497	-.0344			.1796
360.000				-.0413	-.0538	-.1322	-.0018

ALPHA (2) = .520 BETA (3) = 3.958 MACH = 2.2005 RN/L = 3.2802 Q(PSF) = 688.66 P = 203.17

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
B=1							
.000	-.0452		-.0509	-.0487	-.0463	-.1315	-.0599
48.000				-.0664			
90.000			-.0572	-.0582	-.0697	-.1140	.0165
135.000				-.0557	-.0616	-.0794	
171.000							.1886
180.000			-.0636	-.0923	-.0921	-.1023	
210.000							.1142
270.000							.4140
308.000				-.0854			
330.000		-.0566	-.0507	-.0130			.2013
360.000				-.0416	-.0780	-.1423	.0283

ALPHA (2) = -.643 BETA (3) = -.098 MACH = 2.2005 RN/L = 3.2854 Q(PSF) = 688.66 P = 203.17

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
B=1							
.000	-.0554		-.0493	-.0551	-.0957	-.1291	-.0302
48.000				-.0765			
90.000			-.0566	-.0695	-.1007	-.1017	.0466
135.000				-.0918	-.0747	.0135	
171.000							.3792
180.000			-.0779	-.0833	-.0686	-.0840	
210.000							.1146

ARC97-044IA82 OTS+R(SRB=NOM MPS=NOM-)ET-BASE-- (RE6H25)

ALPHA ? = +.643 BETA (1) = -.088

SECTION ( )ET BASE DEPENDENT VARIABLE CP

P/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
P+I							
219.000							.2264
[illegible]				-.0892			
273.000		-.0524	-.0512	-.0347			.1335
315.000				-.0401	-.0545	-.1192	-.0132

ARC97-044IA82 OTS+R(SRB=NOM MPS=NOM+)ET-BASE-- (RE6H26) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.433 BETA (1) = -.092 MACH = 2.2005 RN/L = 3.2796 Q(PSF) = 688.43 P = 203.11

SECTION	ET BASE			DEPENDENT VARIABLE CP			
R/B	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0894		-.0325	-.0364	-.0619	-.1132	-.0259
45.000				-.0385			
90.000			-.0520	-.0705	-.0749	-.0744	.1191
135.000				-.0149	-.0111	.0214	
141.000							.2874
191.000			-.0321	-.0103	-.0015	-.0224	
225.000							.0770
270.000							.2512
285.000				-.0649			
270.000		-.0325	-.0315	-.0153			.2172
315.000				-.0292	-.0328	-.1149	.0116

ALPHA (2) = .509 BETA (1) = -4.042 MACH = 2.2005 RN/L = 3.2763 Q(PSF) = 687.69 P = 202.88

SECTION	ET BASE			DEPENDENT VARIABLE CP			
R/B	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0878		-.0374	-.0367	-.0371	-.0998	-.0523
45.000				-.0403			
90.000			-.0656	-.0841	-.0844	-.0873	.1461
135.000				-.0519	-.0431	.0382	
141.000							.4398
191.000			-.0399	-.0328	-.0356	-.0346	
225.000							.0366
270.000							.0896
285.000				-.0608			
270.000		-.0340	-.0340	-.0121			.0909
315.000				-.0339	-.0435	-.0548	-.0426

ARC97-044IAB2 OTS+R(SRB=NOM MPS=NOM+)ET-BASE-- (RE6H26)

ALPHA (2) = .523 BETA (2) = -.125 MACH = 2.2005 RN/L = 3.2763 Q(PSF) = 687.69 P = 202.88

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0256		-.0273	-.0246	-.0343	-.1104	-.0432
45.000				-.0337			
90.000			-.0289	-.0551	-.0614	-.0576	.1248
135.000				-.0302	-.0278	.0177	
141.000							.3413
180.000			-.0304	-.0254	-.0159	-.0345	
186.000							.0871
219.000							.2292
225.000				-.0412			
270.000		-.0265	-.0202	-.0105			.1775
315.000				-.0195	-.0268	-.0760	-.0029

ALPHA (2) = .514 BETA (3) = 3.955 MACH = 2.2005 RN/L = 3.2763 Q(PSF) = 687.69 P = 202.88

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0141		-.0136	-.0093	-.0087	-.0250	-.0567
45.000				-.0176			
90.000			-.0190	-.0207	-.0288	-.0678	.0142
135.000				-.0296	-.0377	-.0559	
141.000							.1884
180.000			-.0321	-.0523	-.0609	-.0734	
186.000							.1154
219.000							.4090
225.000				-.0606			
270.000		-.0193	-.0234	.0082			.2030
315.000				-.0094	-.0185	-.1114	.0277

ALPHA (2) = 4.637 BETA (1) = -.092 MACH = 2.2005 RN/L = 3.2788 Q(PSF) = 687.76 P = 202.91

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0276		-.0145	-.0043	-.0167	-.0974	-.0294
45.000				-.0336			
90.000			-.0193	-.0309	-.0553	-.0626	.0478
135.000				-.0710	-.0603	.0219	
141.000							.3795
180.000			-.0477	-.0689	-.0509	-.0703	
186.000							.1147

ARC97-044!A82 OTS+R(SRB=NOM MPS=NOM+)ET-BASE-- (RE6H26)

ALPHA (3) = 4.637 BETA (1) = -.092

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
[illegible]							.2256
[illegible]				-.0616			
[illegible]		-.0207	-.0191	.0215			.1349
[illegible]				-.0131	-.0398	-.0920	-.0131

ARC97-044IA82 OTS+R(SRB=NOM MPS=VARY)ET-BASE-- (RE6H27) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.200
PT = 30.700

ALPHA (1) = .600 MPSCPR(1) = 521.860 MACH = 2.2005 RN/L = 3.2839 Q(PSF) = 688.99 P = 203.27

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RSO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0487		-.0496	-.0484	-.0734	-.1274	-.0458
45.000				-.0550			
90.000			-.0517	-.0832	-.0880	-.0828	.1134
135.000				-.0639	-.0568	.0014	
141.000							.3353
180.000			-.0575	-.0567	-.0441	-.0659	
186.000							.0895
219.000							.2397
225.000				-.0660			
270.000		-.0484	-.0463	-.0321			.1754
315.000				-.0385	-.0487	-.1254	-.0023

ALPHA (1) = .590 MPSCPR(2) = 625.620 MACH = 2.2005 RN/L = 3.2839 Q(PSF) = 688.99 P = 203.27

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RSO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0402		-.0423	-.0413	-.0640	-.1230	-.0455
45.000				-.0496			
90.000			-.0454	-.0748	-.0785	-.0746	.1144
135.000				-.0558	-.0491	.0054	
141.000							.3343
180.000			-.0491	-.0491	-.0354	-.0578	
186.000							.0884
219.000							.2410
225.000				-.0591			
270.000		-.0429	-.0369	-.0275			.1778
315.000				-.0333	-.0414	-.1134	-.0022

ARC97-044IA82 OTS+R(SRB=NOM MPS=VARY)ET-BASE-- (REGH27)

ALPHA (1) = .583 MPSCPR(3) = 902.330 MACH = 2.2005 RN/L = 3.2839 Q(PSF) = 688.99 P = 203.27

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0293		-.0316	-.0285	-.0464	-.1155	-.0444
45.000				-.0368			
90.000			-.0343	-.0583	-.0652	-.0631	.1133
135.000				-.0380	-.0340	.0129	
141.000							.3348
180.000			-.0343	-.0320	-.0233	-.0414	
186.000							.0902
219.000							.2411
225.000				-.0467			
270.000		-.0312	-.0250	-.0188			.1799
315.000				-.0256	-.0337	-.0926	-.0024

ALPHA (1) = .577 MPSCPR(4) = 1056.000 MACH = 2.2005 RN/L = 3.2839 Q(PSF) = 688.99 P = 203.27

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0266		-.0281	-.0254	-.0379	-.1128	-.0442
45.000				-.0338			
90.000			-.0316	-.0535	-.0589	-.0593	.1145
135.000				-.0324	-.0288	.0166	
141.000							.3361
180.000			-.0305	-.0262	-.0186	-.0365	
186.000							.0891
219.000							.2400
225.000				-.0423			
270.000		-.0291	-.0210	-.0144			.1813
315.000				-.0207	-.0296	-.0818	-.0016

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H28) (14 MAR 75)

REFERENCE DATA

SREF = 2820.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -3.905 BETA (1) = -.150 MACH = 1.5557 RN/L = 4.0521 Q(PSF) = 925.69 P = 546.42

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/SLD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2669		-.2929	-.3050	-.3160	-.3437	-.0658
45.000				-.3214			
90.000			-.3028	-.3085	-.3046	-.3054	-.0363
135.000				-.3515	-.3063	-.2367	
141.000							.2695
180.000			-.3126	-.3181	-.2990	-.3399	
186.000							-.0484
213.000							.0605
225.000				-.3151			
270.000		-.2871	-.2900	-.3065			.0744
315.000				-.2631	-.2896	-.3244	-.1072

ALPHA (2) = .055 BETA (1) = -4.085 MACH = 1.5557 RN/L = 4.0317 Q(PSF) = 923.46 P = 545.11

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/SLD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2635		-.2952	-.3141	-.3136	-.3245	-.0416
45.000				-.3107			
90.000			-.2999	-.3493	-.3794	-.4232	-.1354
135.000				-.3517	-.2746	-.1423	
141.000							.5059
180.000			-.3149	-.3286	-.3197	-.3379	
186.000							-.0608
213.000							.0256
225.000				-.2902			
270.000		-.2672	-.2878	-.2694			-.0670
315.000				-.2585	-.2872	-.3136	-.1322

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H28)

ALPHA (2) = .052 BETA (2) = -2.140 MACH = 1.5557 RN/L = 4.0317 Q(PSF) = 923.46 P = 545.11

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2600		-.2831	-.3019	-.3090	-.3340	-.0552
45.000				-.3001			
90.000			-.2910	-.3355	-.3715	-.4080	-.1226
135.000				-.3487	-.2825	-.1609	
141.000							.4408
180.000			-.3075	-.3246	-.3165	-.3268	
190.000							-.0350
213.000							.0455
225.000				-.2811			
270.000		-.2769	-.2915	-.2739			-.0251
315.000				-.2664	-.2979	-.3253	-.1128

ALPHA (2) = .072 BETA (3) = -.171 MACH = 1.5557 RN/L = 4.0317 Q(PSF) = 923.46 P = 545.11

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2552		-.2702	-.2856	-.3017	-.3336	-.0560
45.000				-.2799			
90.000			-.2691	-.3133	-.3480	-.3831	-.1020
135.000				-.3334	-.2929	-.2180	
141.000							.3550
180.000			-.2967	-.3093	-.3051	-.3389	
195.000							.0087
213.000							.1297
225.000				-.2794			
270.000		-.2793	-.2851	-.2748			-.0137
315.000				-.2838	-.3143	-.3421	-.0897

ALPHA (2) = .055 BETA (4) = 1.887 MACH = 1.5557 RN/L = 4.0317 Q(PSF) = 923.46 P = 545.11

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2560		-.2707	-.2838	-.3037	-.3238	-.0538
45.000				-.2709			
90.000			-.2794	-.2963	-.3330	-.3621	-.1087
135.000				-.3260	-.3044	-.2471	
141.000							.2184
180.000			-.3028	-.3209	-.3723	-.3717	
195.000							.0975

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H28)

ALPHA (2) = .055 BETA (4) = 1.887

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/RDD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
213.000							.2953
225.000				-.2798			
270.000		-.2780	-.2832	-.2745			-.0295
315.000				-.2791	-.3208	-.3431	-.0716

ALPHA 2) = .052 BETA (5) = 3.903 MACH = 1.5557 RN/L = 4.0317 Q(PSF) = 923.46 P = 545.11

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/RDD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2824		-.2892	-.2938	-.3033	-.3135	-.0314
45.000				-.2999			
90.000			-.2854	-.2866	-.3218	-.3487	-.1271
135.000				-.2809	-.2803	-.3021	
180.000							.0348
180.000			-.2877	-.3396	-.3524	-.3849	
180.000							-.0646
270.000							.3572
270.000				-.2868			
315.000		-.2883	-.2834	-.2783			-.0471
315.000				-.2854	-.3259	-.3443	-.0569

ALPHA (2 = 4.212 BETA (1) = -.144 MACH = 1.5557 RN/L = 4.0309 Q(PSF) = 924.18 P = 545.53

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/RDD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2833		-.2863	-.2752	-.2933	-.3238	-.0418
45.000				-.2939			
90.000			-.2847	-.2851	-.3236	-.3576	-.1750
135.000				-.2846	-.2576	-.2114	
180.000							.0159
180.000			-.2863	-.2833	-.2867	-.2843	
180.000							.0745
270.000							.2074
270.000				-.2764			
315.000		-.2827	-.2757	-.2810			-.0737
315.000				-.2834	-.2717	-.3066	-.0953

ARC97-044!A82 OTS(SRB=NOM- MPS=NOM) ET-BASE-- (RE6H29) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -3.992 BETA (1) = -.150 MACH = 1.5557 RN/L = 4.0007 Q(PSF) = 923.28 P = 545.00

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R RO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2000		-.2066	-.2168	-.2347	-.2742	-.0670
45.000				-.2543			
90.000			-.2159	-.2307	-.2631	-.2666	-.0596
135.000				-.2588	-.2440	-.1967	
180.000							.2676
225.000			-.2424	-.2247	-.2148	-.2414	
270.000							-.0431
315.000							.0565
225.000				-.2704			
270.000		-.2118	-.2083	-.2034			.0811
315.000				-.2167	-.2409	-.2545	-.1047

ALPHA (2) = -.022 BETA (1) = -4.085 MACH = 1.5557 RN/L = 4.0058 Q(PSF) = 925.19 P = 546.13

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R RO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1990		-.2212	-.2413	-.2469	-.2673	-.0394
45.000				-.2254			
90.000			-.2295	-.2605	-.2986	-.3240	-.1432
135.000				-.2636	-.2241	-.1082	
180.000							.5034
225.000			-.2289	-.2380	-.2376	-.2388	
270.000							-.0752
315.000							.0253
225.000				-.2255			
270.000		-.2010	-.2000	-.1905			-.0552
315.000				-.1884	-.2118	-.2242	-.1318

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044!A82 OTS(SRB=NOM- MPS=NOM) ET-BASE-- (REEH29)

ALPHA 2 = -.022 BETA (2) = -.168 MACH = 1.5557 RN/L = 4.0058 Q(PSF) = 925.19 P = 546.13

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/RCD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1897		-.1953	-.2021	-.2163	-.2647	-.0527
45.000				-.2201			
90.000			-.2102	-.2184	-.2565	-.2772	-.1172
135.000				-.2230	-.2237	-.1775	
180.000							.3592
225.000			-.2185	-.2101	-.2017	-.2300	
270.000							.0030
292.500							.1166
305.000				-.2282			
270.000		-.1987	-.2179	-.2194			-.0016
315.000				-.1864	-.2034	-.2232	-.0904

ALPHA (2) = -.022 BETA (3) = 3.906 MACH = 1.5557 RN/L = 4.0058 Q(PSF) = 925.19 P = 546.13

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/RCD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1950		-.2181	-.2303	-.2390	-.2673	-.0309
45.000				-.2311			
90.000			-.1999	-.2097	-.2419	-.2469	-.1472
135.000				-.2211	-.2303	-.2651	
180.000							.0254
225.000			-.3178	-.2678	-.2810	-.3217	
270.000							-.0719
292.500							.3564
305.000				-.2197			
270.000		-.2106	-.2138	-.2089			-.0377
315.000				-.2193	-.2476	-.2754	-.0569

ALPHA 3) = 4.135 BETA (1) = -.144 MACH = 1.5557 RN/L = 4.0083 Q(PSF) = 926.89 P = 547.13

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/RCD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1810		-.1878	-.1972	-.2104	-.2622	-.0413
45.000				-.2344			
90.000			-.2000	-.2160	-.2418	-.2715	-.1839
135.000				-.1934	-.1989	-.1842	
180.000							.4172
225.000			-.1907	-.1858	-.1818	-.2088	
270.000							.0670

ARC97-044IA82 OTS(SRB=NOM- MPS=NOM) ET-BASE-- (REGH29)

ALPHA (3) = 4.135 BETA (1) = -.144

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/POD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2048
255.000				-.2195			
270.000		-.1969	-.2132	-.2036			-.0716
315.000				-.1768	-.1968	-.2158	-.0930

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H30) (14 MAR 75)

REFERENCE DATA

SREF = 2680.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -3.978 BETA (1) = -.147 MACH = 1.5557 RN/L = 4.0230 Q(PSF) = 924.18 P = 545.53

SECTION (1)ET BASE DEPENDENT VARIABLE CP

P HIS	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1708		-.1743	-.1805	-.1937	-.2493	-.0636
45.000				-.2235			
90.000			-.1797	-.1957	-.2329	-.2315	-.0602
135.000				-.2125	-.2121	-.1768	
141.000							.2730
180.000			-.2067	-.1828	-.1740	-.2008	
186.000							-.0467
219.000							.0562
225.000				-.2078			
270.000		-.1802	-.1762	-.1955			.0807
315.000				-.1650	-.1782	-.1889	-.1054

ALPHA (2) = -.022 BETA (1) = -4.085 MACH = 1.5557 RN/L = 4.0178 Q(PSF) = 924.54 P = 545.75

SECTION (1)ET BASE DEPENDENT VARIABLE CP

P HIS	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1731		-.1961	-.2034	-.2180	-.2414	-.0370
45.000				-.1977			
90.000			-.2034	-.2223	-.2591	-.2773	-.1399
135.000				-.2159	-.2035	-.0905	
141.000							.5046
180.000			-.1916	-.1975	-.1995	-.2019	
186.000							-.0795
219.000							.0237
225.000				-.1988			
270.000		-.1736	-.1633	-.1683			-.0542
315.000				-.1633	-.1871	-.1925	-.1327

AP097-0441A82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (REEH-3D)

ALPHA [illegible] = -.018 BETA (2) = -2.140 MACH = 1.5557 RN/L = 4.0178 Q(PSF) = 924.54 P = 545.75

SECTION	ET BASE	DEPENDENT VARIABLE CP				
R RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
[illegible]	-.1622		-.1739	-.1828	-.1952	-.2403	-.0512
[illegible]				-.1903			
[illegible]			-.1848	-.1972	-.2320	-.2662	-.1289
[illegible]				-.1928	-.1957	-.1071	
[illegible]							.4453
[illegible]			-.1874	-.1902	-.1870	-.1870	
[illegible]							-.0238
[illegible]							.0472
[illegible]				-.1885			
[illegible]		-.1682	-.1645	-.1853			-.0104
[illegible]				-.1596	-.1840	-.1992	-.1109

ALPHA [illegible] = -.022 BETA (3) = -.171 MACH = 1.5557 RN/L = 4.0178 Q(PSF) = 924.54 P = 545.75

SECTION	ET BASE	DEPENDENT VARIABLE CP				
R RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
[illegible]	-.1616		-.1698	-.1635	-.1748	-.2370	-.0519
[illegible]				-.1887			
[illegible]			-.1766	-.1914	-.2169	-.2469	-.1149
[illegible]				-.1809	-.1870	-.1622	
[illegible]							.3472
[illegible]			-.1747	-.1678	-.1611	-.1932	
[illegible]							.0038
[illegible]							.1159
[illegible]				-.1912			
[illegible]		-.1690	-.1663	-.1737			-.0024
[illegible]				-.1648	-.1749	-.1888	-.0909

ALPHA [illegible] = -.042 BETA (4) = 1.887 MACH = 1.5557 RN/L = 4.0178 Q(PSF) = 924.54 P = 545.75

SECTION	ET BASE	DEPENDENT VARIABLE CP				
R RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
[illegible]	-.1608		-.1685	-.1686	-.1722	-.2211	-.0509
[illegible]				-.1818			
[illegible]			-.1645	-.1699	-.1923	-.2359	-.1213
[illegible]				-.2232	-.2127	-.2024	
[illegible]							.2050
[illegible]			-.1935	-.2051	-.2399	-.2747	
[illegible]							.0910

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H30)

ALPHA (3) = -.042 BETA (4) = 1.887

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2916
225.000				-.1821			
270.000		-.1641	-.1787	-.1691			-.0177
315.000				-.1609	-.1859	-.2010	-.0731

ALPHA (2) = -.039 BETA (5) = 3.903 MACH = 1.5557 RN/L = 4.0178 Q(PSF) = 924.54 P = 545.75

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1644		-.1830	-.1936	-.1977	-.2273	-.0288
45.000				-.2037			
90.000			-.1685	-.1770	-.2028	-.2194	-.1433
135.000				-.1892	-.1980	-.2436	
141.000							.0229
180.000			-.1884	-.2304	-.2641	-.3105	
184.000							-.0727
219.000							.3559
225.000				-.1867			
270.000		-.1740	-.1780	-.1711			-.0361
315.000				-.1759	-.2112	-.2344	-.0566

ALPHA 3) = 4.120 BETA (1) = -.147 MACH = 1.5557 RN/L = 4.0191 Q(PSF) = 925.08 P = 546.07

SECTION 1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1511		-.1523	-.1583	-.1655	-.2307	-.0413
45.000				-.1945			
90.000			-.1687	-.1811	-.1951	-.2374	-.1769
135.000				-.1650	-.1833	-.1679	
141.000							.4171
180.000			-.1605	-.1568	-.1532	-.1794	
186.000							.0683
219.000							.2039
225.000				-.1892			
270.000		-.1630	-.1804	-.1776			-.0720
315.000				-.1404	-.1580	-.1749	-.0942

DATE 06 FEB 75 TABULATED SOURCE DATA - IA82B

ARC97-044IA82 OTS(SRB=NOM+ MPS=NOM) ET-BASE-- (RE6M31) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -4.035 BETA (1) = -.169 MACH = 1.5557 RN/L = 3.9958 Q(PSF) = 925.39 P = 546.24

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1319		-.1312	-.1339	-.1410	-.1953	-.0651
45.000				-.1734			
90.000			-.1357	-.1465	-.1837	-.2008	-.0669
135.000				-.1711	-.1690	-.1534	
141.000							.2632
160.000			-.1568	-.1396	-.1303	-.1619	
186.000							-.0405
219.000							.0514
225.000				-.1648			
270.000		-.1403	-.1319	-.1232			.0825
315.000				-.1328	-.1535	-.1657	-.1064

ALPHA (2) = -4.029 BETA (1) = -.147 MACH = 1.5557 RN/L = 3.9987 Q(PSF) = 925.99 P = 546.60

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1315		-.1308	-.1334	-.1390	-.1944	-.0645
45.000				-.1705			
90.000			-.1355	-.1460	-.1831	-.1986	-.0641
135.000				-.1673	-.1661	-.1548	
141.000							.2628
160.000			-.1551	-.1365	-.1289	-.1586	
186.000							-.0382
219.000							.0564
225.000				-.1642			
270.000		-.1383	-.1309	-.1534			.0848
315.000				-.1178	-.1297	-.1373	-.1057

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

AP39T-D++IA82 OTS(SRB=NOM+ MPS=NOM) ET-BASE-- (RE6H31)

ALPHA (3) = -.055 BETA (1) = -4.085 MACH = 1.5557 RN/L = 3.9922 Q(PSF) = 924.18 P = 545.53

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1345		-.1643	-.1691	-.1759	-.1992	-.0377
45.000				-.1626			
90.000			-.1660	-.1704	-.2057	-.2254	-.1349
135.000				-.1615	-.1578	-.0675	
141.000							.5051
180.000			-.1446	-.1458	-.1502	-.1533	
186.000							-.0843
219.000							.0237
225.000				-.1695			
270.000		-.1398	-.1332	-.1279			-.0433
315.000				-.1248	-.1517	-.1618	-.1323

ALPHA (3) = -.059 BETA (2) = -.171 MACH = 1.5557 RN/L = 3.9922 Q(PSF) = 924.18 P = 545.53

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1205		-.1166	-.1149	-.1219	-.1795	-.0524
45.000				-.1432			
90.000			-.1271	-.1335	-.1507	-.2083	-.1105
135.000				-.1492	-.1567	-.1473	
141.000							.3501
180.000			-.1438	-.1490	-.1240	-.1609	
186.000							.0079
219.000							.1172
225.000				-.1464			
270.000		-.1279	-.1245	-.1333			-.0015
315.000				-.1110	-.1313	-.1462	-.0928

ALPHA (3) = -.055 BETA (3) = 3.903 MACH = 1.5557 RN/L = 3.9922 Q(PSF) = 924.18 P = 545.53

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1823		-.1361	-.1475	-.1491	-.1725	-.0275
45.000				-.1478			
90.000			-.1282	-.1388	-.1557	-.1860	-.1320
135.000				-.1529	-.1696	-.2132	
141.000							.0241
180.000			-.1492	-.1822	-.2261	-.2739	
186.000							-.0724

CALCULATED SOURCE DATA - !A82B

AR09T-044!A82 OTS(SRB=NOM+ MPS=NOM) ET-BASE-- (RE6H31)

BETA (3) = 3.903

SECTION ET BASE DEPENDENT VARIABLE CP

R SQU	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
							.3516
				-.1461			
		-.1285	-.1382	-.1296			-.0299
				-.1263	-.1606	-.1919	-.0566

ARC97-044IA82 OTS(SRB=NOM++ MPS=NOM) ET-BASE-- (RE6H32) (14 MAR 75)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.9300 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -4.032 BETA (1) = -.165 MACH = 1.5557 RN/L = 3.9861 Q(PSF) = 923.28 P = 545.00

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

PHI	.0100	.4500	.6350	.8400	.8950	.9460	1.0000
.000	-.0772		-.0718	-.0695	-.0739	-.1145	-.0625
45.000				-.1044			
90.000			-.0799	-.0859	-.1018	-.1507	-.0755
135.000				-.1053	-.1061	-.1219	
141.000							.2487
180.000			-.0803	-.0809	-.0713	-.0978	
225.000							-.0223
270.000							.0559
315.000				-.1132			
360.000		-.0811	-.0763	-.0718			.0825
360.000				-.0742	-.0942	-.1137	-.1057

ALPHA (2) = -.075 BETA (1) = -4.085 MACH = 1.5557 RN/L = 3.9850 Q(PSF) = 923.48 P = 545.12

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

PHI	.0100	.4500	.6350	.8400	.8950	.9460	1.0000
.000	-.0747		-.0954	-.1042	-.1083	-.1244	-.0337
45.000				-.0926			
90.000			-.0980	-.1009	-.1157	-.1609	-.1226
135.000				-.0793	-.0787	-.0306	
141.000							.5036
180.000			-.0773	-.0804	-.0827	-.0887	
225.000							-.0610
270.000							.0312
315.000				-.1080			
360.000		-.0733	-.0719	-.0757			-.0092
360.000				-.0549	-.0712	-.0856	-.1308

ARC97-044IA82 OTS(SRB=NOM++ MPS=NOM) ET-BASE-- (RE6H32)

ALPHA 2 = -.058 BETA (2) = -.168 MACH = 1.5557 RN/L = 3.9850 Q(PSF) = 923.48 P = 545.12

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0513		-.0530	-.0465	-.0503	-.0888	-.0483
45.000				-.0725			
90.000			-.0659	-.0698	-.0761	-.1343	-.0982
135.000				-.0785	-.0835	-.1049	
141.000							.3500
180.000			-.0721	-.0625	-.0531	-.0953	
186.000							.0205
219.000							.1169
225.000				-.0872			
270.000		-.0641	-.0636	-.0724			.0061
315.000				-.0478	-.0602	-.0879	-.0920

ALPHA 2 = -.059 BETA (3) = 3.906 MACH = 1.5557 RN/L = 3.9850 Q(PSF) = 923.48 P = 545.12

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0635		-.0611	-.0717	-.0770	-.0923	-.0230
45.000				-.0685			
90.000			-.0560	-.0717	-.0878	-.1106	-.0926
135.000				-.1048	-.1341	-.1641	
141.000							.0199
180.000			-.0799	-.1065	-.1547	-.1975	
186.000							-.0723
219.000							.3531
225.000				-.0800			
270.000		-.0632	-.0638	-.0722			-.0292
315.000				-.0558	-.0759	-.1508	-.0550

ALPHA 3 = 4.015 BETA (1) = -.169 MACH = 1.5557 RN/L = 3.9884 Q(PSF) = 924.78 P = 545.89

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0508		-.0421	-.0385	-.0420	-.0814	-.0361
45.000				-.0555			
90.000			-.0562	-.0722	-.0731	-.0968	-.0913
135.000				-.0579	-.0625	-.1010	
141.000							.4199
180.000			-.0518	-.0490	-.0426	-.0896	
186.000							.0703

ARC97-044IA82 OTS(SRB=NOM++ MPS=NOM) ET-BASE-- (RE6H32)

ALPHA (3) = 4.015 BETA (1) = -.169

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2000
225.000				- 0847			
270.000		-.0522	-.0554	- 055			-.0507
315.000				-.037	-.0493	-.0805	-.0900

APC97-044IA82 OTS(SRB=NOM MPS=NOM-) ET-BASE-- (RE6H33) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -4.018 BETA (1) = -.165 MACH = 1.5557 RN/L = 3.9870 Q(PSF) = 924.18 P = 545.53

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/RO	.0000	.4500	.8350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1747		-.1784	-.1860	-.1982	-.2507	-.0639
45.000				-.2282			
90.000			-.1838	-.2008	-.2346	-.2374	-.0587
135.000				-.2323	-.2223	-.1805	
141.000							.2652
180.000			-.2171	-.1955	-.1866	-.2135	
225.000							-.0463
270.000							.0501
315.000				-.2241			
270.000		-.1840	-.1790	-.1725			.0816
315.000				-.1849	-.2106	-.2226	-.1067

ALPHA 2) = -.042 BETA (1) = -4.082 MACH = 1.5557 RN/L = 3.9847 Q(PSF) = 924.58 P = 545.77

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/RO	.0000	.4500	.8350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1739		-.2024	-.2178	-.2249	-.2493	-.0396
45.000				-.2058			
90.000			-.2126	-.2308	-.2673	-.2869	-.1416
135.000				-.2352	-.2132	-.1007	
141.000							.5091
180.000			-.2089	-.2172	-.2176	-.2194	
225.000							-.0818
270.000							.0222
315.000				-.2055			
270.000		-.1809	-.1781	-.1721			-.0550
315.000				-.1696	-.1913	-.2010	-.1335

AR097-044IA82 OTS(SRB=NOM MPS=NOM-) ET-BASE-- (REGH33)

ALPHA (2) = -.039 BETA (2) = -.168 MACH = 1.5557 RN/L = 3.9847 Q(PSF) = 924.58 P = 545.77

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1682		-.1671	-.1739	-.1831	-.2425	-.0511
45.000				-.1957			
90.000			-.1825	-.1895	-.2234	-.2515	-.1151
135.000				-.2105	-.2067	-.1678	
180.000							.3516
225.000			-.1955	-.1847	-.1823	-.2073	
270.000							.0037
315.000							.1154
270.000				-.1955			
315.000		-.1756	-.1759	-.1789			-.0014
315.000				-.1647	-.1826	-.1997	-.0905

ALPHA (2) = -.052 BETA (3) = 3.906 MACH = 1.5557 RN/L = 3.9847 Q(PSF) = 924.58 P = 545.77

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1734		-.1830	-.2042	-.2095	-.2402	-.0281
45.000				-.2124			
90.000			-.1787	-.1850	-.2150	-.2256	-.1437
135.000				-.1974	-.2079	-.2508	
180.000							.0305
225.000			-.1971	-.2424	-.2699	-.3216	
270.000							-.0724
315.000							.3544
270.000				-.1959			
315.000		-.1844	-.1880	-.1821			-.0334
315.000				-.1899	-.2201	-.2460	-.0565

ALPHA (1) = 4.025 BETA (1) = -.171 MACH = 1.5557 RN/L = 3.9759 Q(PSF) = 922.98 P = 544.82

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1584		-.1625	-.1690	-.1790	-.2405	-.0409
45.000				-.2055			
90.000			-.1784	-.1921	-.2077	-.2463	-.1794
135.000				-.1736	-.1777	-.1710	
180.000							.4206
225.000			-.1693	-.1654	-.1619	-.1867	
270.000							.0592

ARC97-044IA82 OTS(SRB=NOM MPS=NOM-) ET-BASE-- (RE6H33)

ALPHA (3) = -.025 BETA (1) = -.171

SECTION / ET BASE DEPENDENT VARIABLE CP

R RGO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2065
285.000				-.1978			
75.000		-.1717	-.1835	-.1842			-.0699
5 .000				-.1498	-.1691	-.1842	-.0935

AR097-044IA82 OTS(SRB=NOM MPS=NOM+) ET-BASE-- (RE6H34) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -4.018 BETA (1) = -.165 MACH = 1.5557 RN/L = 3.9773 Q(PSF) = 922.68 P = 544.65

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1630		-.1676	-.1722	-.1833	-.2411	-.0649
45.000				-.2153			
90.000			-.1731	-.1860	-.2233	-.2259	-.0637
135.000				-.2028	-.1962	-.1692	
141.000							.2722
180.000			-.1937	-.1741	-.1627	-.1945	
188.000							-.0448
219.000							.0519
225.000				-.2057			
270.000		-.1739	-.1658	-.1590			.0807
315.000				-.1691	-.1935	-.2070	-.1053

A PHA (2) = -.055 BETA (1) = -4.082 MACH = 1.5557 RN/L = 3.9752 Q(PSF) = 924.28 P = 545.59

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1612		-.1859	-.2020	-.2079	-.2333	-.0367
45.000				-.1898			
90.000			-.1956	-.2125	-.2480	-.2672	-.1386
135.000				-.1976	-.1919	-.0838	
141.000							.5073
180.000			-.1776	-.1822	-.1842	-.1862	
188.000							-.0822
219.000							.0243
225.000				-.1804			
270.000		-.1657	-.1618	-.1546			-.0509
315.000				-.1561	-.1798	-.1898	-.1327

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

ARC97-044!A82 OTS(SRB=NOM MPS=NOM+) ET-BASE-- (REEH34)

ALPHA (2) = -.045 BETA (2) = -.168 MACH = 1.5557 RN/L = 3.9752 Q(PSF) = 924.28 P = 545.59

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R/RCD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1586		-.1514	-.1543	-.1655	-.2280	-.0517
45.000				-.1919			
90.000			-.1676	-.1726	-.2038	-.2391	-.1145
135.000				-.1699	-.1763	-.1576	
141.000							.3523
157.500			-.1635	-.1586	-.1500	-.1850	
180.000							.0027
210.000							.1083
225.000				-.1834			
270.000		-.1537	-.1699	-.1655			-.0016
315.000				-.1462	-.1655	-.1792	-.0906

ALPHA (3) = -.059 BETA (3) = 3.906 MACH = 1.5557 RN/L = 3.9752 Q(PSF) = 924.28 P = 545.59

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R/RCD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1558		-.1734	-.1822	-.1975	-.2162	-.0277
45.000				-.1955			
90.000			-.1535	-.1697	-.1954	-.2117	-.1420
135.000				-.1909	-.1911	-.2359	
141.000							.0242
157.500			-.1819	-.2192	-.2528	-.2998	
180.000							-.0718
210.000							.3548
225.000				-.1780			
270.000		-.1636	-.1687	-.1636			-.0327
315.000				-.1657	-.2020	-.2244	-.0566

ALPHA (4) = -.086 BETA (4) = -.171 MACH = 1.5557 RN/L = 3.9712 Q(PSF) = 923.28 P = 545.00

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R/RCD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1404		-.1387	-.1439	-.1513	-.2162	-.0406
45.000				-.1797			
90.000			-.1551	-.1722	-.1777	-.2260	-.1751
135.000				-.1537	-.1574	-.1600	
141.000							.4184
157.500			-.1486	-.1460	-.1423	-.1703	
180.000							.0650

ARC97-044IA82 OTS(SRB=NOM MPS=NOM+1 ET-BASE-- (RE6H34)

ALPHA Z = .065 BETA Z 11 = -.171

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/PCO	.0000	.4500	.8350	.8400	.8950	.9460	1.0000
PHI							
210.000							.2034
270.000				-.1797			
300.000		-.1503	-.1664	-.1687			-.0698
330.000				-.1290	-.1457	-.1588	-.0937

AP097-044IA82 O(S(SRB=OFF MPS=OFF) ET-BASE-- (REISHIS) (14 MAR 75)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = 1780.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0.100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA = -3.981 BETA (1) = -.117 MACH = 2.0003 RN/L = 3.5547 Q(PSF) = 777.15 P = 277.48

CONFIG ET BASE DEPENDENT VARIABLE CP

MACH	.4500	.8350	.8400	.8850	.9460	1.0000
.000	-.1910	-.2396	-.2450	.2601	-.2308	-.0407
.000			-.2247			
.000		-.2379	-.2397	-.2430	-.2385	.1113
.000			-.2529	-.1931	-.1264	
.000						.2757
.000		-.2441	-.2497	-.2488	-.2178	
.000						.0726
.000						.1933
.000			-.2276			
.000	-.2234	-.2293	-.1690			.2003
.000			-.1994	-.2384	-.2459	-.0200

ALPHA = .017 BETA (1) = -4.039 MACH = 2.0003 RN/L = 3.5544 Q(PSF) = 777.86 P = 277.73

CONFIG ET BASE DEPENDENT VARIABLE CP

MACH	.4500	.8350	.8400	.8850	.9460	1.0000
.000	.0000	.8350	.8400	.8850	.9460	1.0000
.000	-.2117	-.2113	-.2052	-.2142	-.0504	
.000		-.2333				
.000	-.2447	-.2814	-.2583	-.2581	.1122	
.000		-.2503	-.1830	-.0319		
.000						.4464
.000	-.2336	-.2456	-.2331	-.2230		
.000						.0238
.000						.0833
.000			-.2119			
.000	-.2272	-.2147	-.1569			.0734
.000			-.1946	-.2365	-.2372	-.0573

A82 OTS(SRB=OFF MPS=OFF) ET BASE-- (RE6H35)

ALPHA (2) = .386 BETA (2) = -2.060 MACH = 2.0003 RN/L = 3.5544 Q(PSF) = 777.86 P = 277.73

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1850		-.2095	-.2164	-.2138	-.2300	-.0523
45.000				-.2170			
90.000			-.2387	-.2481	-.2509	-.2504	.1025
135.000				-.2453	-.1950	-.0440	
141.000							.3845
180.000			-.2386	-.2419	-.2322	-.2121	
186.000							.0731
219.000							.1471
225.000				-.2115			
270.000		-.2067	-.2150	-.1599			.1361
315.000				-.1910	-.2309	-.2325	-.0350

ALPHA (2) = .396 BETA (3) = -.123 MACH = 2.0003 RN/L = 3.5544 Q(PSF) = 777.86 P = 277.73

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	9950	.9460	1.0000
PHI							
.000	-.1857		-.2186	-.2281	-.2247	-.2350	-.0486
45.000				-.2128			
90.000			-.2347	-.2373	-.2406	-.2411	.1058
135.000				-.2468	-.1696	-.0815	
141.000							.3411
180.000			-.2333	-.2404	-.2345	-.2104	
186.000							.0725
219.000							.2254
225.000				-.2129			
270.000		-.2111	-.2168	-.1604			.1527
315.000				-.1906	-.2306	-.2350	-.0198

ALPHA (2) = .380 BETA (4) = 1.935 MACH = 2.0003 RN/L = 3.5544 Q(PSF) = 777.86 P = 277.73

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1817		-.2137	-.2203	-.2168	-.2338	-.0525
45.000				-.2267			
90.000			-.2156	-.2202	-.2177	-.2162	.0881
135.000				-.2432	-.1921	-.1212	
141.000							.2216
180.000			-.2227	-.2606	-.2653	-.2359	
186.000							.1456

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H35)

ALPHA (2) = .380 BETA (4) = 1.935

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.3422
225.000				-.2304			
270.000		-.2097	-.2147	-.1616			.1725
315.000				-.1879	-.2281	-.2346	-.0022

ALPHA (2) = .374 BETA (5) = 3.955 MACH = 2.0003 RN/L = 3.5544 Q(PSF) = 777.86 P = 277.73

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1837		-.2091	-.2087	-.2008	-.2091	-.0487
45.000				-.2338			
90.000			-.2095	-.2195	-.2150	-.2146	.0402
135.000				-.2076	-.2144	-.2196	
141.000							.1451
180.000			-.2199	-.2441	-.2456	-.2495	
186.000							.0721
219.000							.3851
225.000				-.2431			
270.000		-.2168	-.2250	-.1700			.1701
315.000				-.1784	-.2164	-.2269	.0143

ALPHA (3) = 4.479 BETA (1) = -.098 MACH = 2.0003 RN/L = 3.5502 Q(PSF) = 777.65 P = 277.66

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1729		-.1873	-.2130	-.2087	-.2300	-.0311
45.000				-.2059			
90.000			-.2058	-.2111	-.2120	-.2137	.0414
135.000				-.2341	-.1534	-.0539	
141.000							.4158
180.000			-.2162	-.2281	-.2205	-.2030	
186.000							.1248
219.000							.2531
225.000				-.1947			
270.000		-.1969	-.2005	-.1508			.0905
315.000				-.1922	-.2357	-.2407	-.0301

ARC97-044IA82 OTS(SRB=NOM- MPS=NOM) ET-BASE-- (RESH36) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.651 BETA (1) = -.102 MACH = 2.0003 RN/L = 3.5428 Q(PSF) = 777.91 P = 277.75

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1106		-.1264	-.1443	-.1545	-.1636	-.0350
45.000				-.1416			
90.000			-.1381	-.1605	-.1593	-.1575	.1000
135.000				-.1278	-.1175	-.0698	
141.000							.2740
180.000			-.1234	-.1194	-.1122	-.1254	
186.000							.0320
219.000							.2004
225.000				-.1460			
270.000		-.1282	-.1341	-.1111			.2195
315.000				-.1129	-.1277	-.1396	-.0262

ALPHA (2) = .297 BETA (1) = -4.039 MACH = 2.0003 RN/L = 3.5359 Q(PSF) = 776.47 P = 277.24

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1156		-.1387	-.1490	-.1516	-.1623	-.0461
45.000				-.1494			
90.000			-.1765	-.1887	-.1927	-.1964	.0951
135.000				-.1719	-.1204	.0068	
141.000							.4455
180.000			-.1385	-.1391	-.1348	-.1438	
186.000							.0191
219.000							.0803
225.000				-.1530			
270.000		-.1259	-.1226	-.1103			.0724
315.000				-.1121	-.1322	-.1464	-.0561

ARC97-044IA82 OTS(SRB=NOM- MPS=NOM) ET-BASE-- (RE6H36)

ALPHA (2) = .313 BETA (2) = -.123 MACH = 2.0003 RN/L = 3.5359 Q(PSF) = 776.47 P = 277.24

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1084		-.1173	-.1237	-.1278	-.1473	-.0434
45.000				-.1340			
90.000			-.1332	-.1557	-.1506	-.1477	.0928
135.000				-.1347	-.1163	-.0408	
141.000							.3360
180.000			-.1204	-.1217	-.1154	-.1296	
186.000							.0705
219.000							.2285
225.000				-.1423			
270.000		-.1215	-.1263	-.1104			.1615
315.000				-.1019	-.1189	-.1359	-.0198

ALPHA (2) = .293 BETA (3) = 3.955 MACH = 2.0003 RN/L = 3.5359 Q(PSF) = 776.47 P = 277.24

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1077		-.1181	-.1192	-.1217	-.1372	-.0431
45.000				-.1346			
90.000			-.1229	-.1317	-.1331	-.1381	.0284
135.000				-.1216	-.1261	-.1420	
141.000							.1353
180.000			-.1273	-.1723	-..777	-.1866	
186.000							.0686
219.000							.3661
225.000				-.1405			
270.000		-.1262	-.1282	-.0916			.1731
315.000				-.1106	-.1432	-.1560	.0157

ALPHA (3) = 4.429 BETA (1) = -.098 MACH = 2.0003 RN/L = 3.5446 Q(PSF) = 778.67 P = 278.02

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1064		-.1088	-.1225	-.1296	-.1505	-.0270
45.000				-.1483			
90.000			-.1311	-.1465	-.1788	-.1781	.0153
135.000				-.1414	-.1156	-.0279	
141.000							.4183
180.000			-.1223	-.1254	-.1237	-.1332	
186.000							.1240

ARC97-0441A82 OTS(SRB=NOM- MPS=NOM) ET-BASE-- (RE6H36)

ALPHA (3) = 4.429 BETA (1) = -.098

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2464
225.000				-.1259			
270.000		-.1179	-.1234	-.0908			.1039
315.000				-.1064	-.1384	-.1531	-.0294

ARC97-0441A82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H37) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1280.3000 IN. YMRP = .0000 IN. YT
BREF = 1280.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.647 BETA (1) = -.102 MACH = 2.0003 RN/L = 3.5366 Q(PSF) = 775.12 P = 276.75

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0788		-.0871	-.0961	-.1027	-.1273	-.0333
45.000				-.1000			
90.000			-.0952	-.1167	-.1193	-.1160	.1012
135.000				-.0823	-.0756	-.0433	
141.000							.2681
180.000			-.0834	-.0781	-.0577	-.0787	
186.000							.0312
219.000							.2008
225.000				-.1134			
270.000		-.0891	-.0912	-.0815			.2023
315.000				-.0780	-.0876	-.0976	-.0216

ALPHA (2) = .306 BETA (1) = -4.039 MACH = 2.0003 RN/L = 3.5508 Q(PSF) = 778.97 P = 278.13

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0759		-.0936	-.0987	-.1063	-.1197	-.0412
45.000				-.0997			
90.000			-.1172	-.1425	-.1741	-.1791	.0984
135.000				-.1293	-.0877	.0234	
141.000							.4464
180.000			-.0918	-.0964	-.0936	-.0984	
186.000							.0181
219.000							.0810
225.000				-.1147			
270.000		-.0819	-.0797	-.0743			.0766
315.000				-.0730	-.0846	-.0936	-.0572

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H37)

ALPHA (2) = .293 BETA (2) = -2.091 MACH = 2.0003 RN/L = 3.5508 Q(PSF) = 778.97 P = 278.13

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0719		-.0843	-.0832	-.0905	-.1114	-.0431
45.000				-.0965			
90.000			-.1079	-.1200	-.1400	-.1632	.0900
135.000				-.0963	-.0977	.0053	
141.000							.3863
180.000			-.0626	-.0841	-.0836	-.0803	
186.000							.0735
219.000							.1420
225.000				-.1039			
270.000		-.0784	-.0724	-.0728			.1462
315.000				-.0643	-.0775	-.0855	-.0345

ALPHA (2) = .309 BETA (3) = -.123 MACH = 2.0003 RN/L = 3.5508 Q(PSF) = 778.97 P = 278.13

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0634		-.0746	-.0755	-.0795	-.1002	-.0405
45.000				-.1062			
90.000			-.0930	-.1037	-.1246	-.1305	.0946
135.000				-.0755	-.0759	-.0190	
141.000							.3350
180.000			-.0686	-.0879	-.0807	-.0726	
186.000							.0716
219.000							.2254
225.000				-.0940			
270.000		-.0750	-.0579	-.0772			.1579
315.000				-.0629	-.0726	-.0833	-.0210

ALPHA (2) = .299 BETA (4) = 1.935 MACH = 2.0003 RN/L = 3.5508 Q(PSF) = 778.97 P = 278.13

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0640		-.0629	-.0647	-.0698	-.0850	-.0486
45.000				-.0938			
90.000			-.0635	-.0732	-.0952	-.1029	.0753
135.000				-.1175	-.1145	-.0594	
141.000							.2143
180.000			-.0955	-.1164	-.1676	-.1696	
186.000							.1444

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H37)

ALPHA (2) = .293 BETA (4) = 1.935

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.3389
225.000				-.1566			
270.000		-.0675	-.0726	-.0523			.1761
315.000				-.0893	-.1235	-.1325	-.0030

ALPHA (2) = .286 BETA (5) = 3.952 MACH = 2.0003 RN/L = 3.5508 Q(PSF) = 778.97 P = 278.13

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0559		-.0646	-.0657	-.0639	-.0889	-.0406
45.000				-.0882			
90.000			-.0662	-.0752	-.0915	-.0955	.0289
135.000				-.0939	-.1169	-.1281	
141.000							.1382
180.000			-.0836	-.1149	-.1139	-.1224	
186.000							.0688
219.000							.3854
225.000				-.1455			
270.000		-.0644	-.0677	-.0392			.1707
315.000				-.0532	-.1191	-.1284	.0159

ALPHA (3) = 4.493 BETA (1) = -.099 MACH = 2.0003 RN/L = 3.5361 Q(PSF) = 775.63 P = 276.94

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0630		-.0648	-.0675	-.0700	-.0993	-.0230
45.000				-.1027			
90.000			-.0861	-.0949	-.1271	-.1228	.0152
135.000				-.0795	-.0777	-.0047	
141.000							.4201
180.000			-.0719	-.0738	-.0692	-.0840	
186.000							.1239
219.000							.2446
225.000				-.1069			
270.000		-.0719	-.0718	-.0611			.1015
315.000				-.0593	-.0846	-.0993	-.0304

ARC97-044IA82 OTS(SRB=NOM+ MPS=NOM) ET-BASE-- (RE6H38) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.654 BETA (1) = -.098 MACH = 2.0003 RN/L = 3.5498 Q(PSF) = 779.43 P = 278.29

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0449		-.0502	-.0522	-.0537	-.0911	-.0311
45.000				-.0643			
90.000			-.0663	-.0848	-.0778	-.1079	.1038
135.000				-.0356	-.0304	-.0186	
141.000							.2671
180.000			-.0403	-.0312	-.0214	-.0399	
186.000							.0401
219.000							.2017
225.000				-.0784			
270.000		-.0315	-.0497	-.0495			.2221
315.000				-.0423	-.0495	-.0576	-.0221

ALPHA (2) = .293 BETA (1) = -4.040 MACH = 2.0003 RN/L = 3.5340 Q(PSF) = 775.80 P = 276.99

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0346		-.0552	-.0565	-.0563	-.0738	-.0418
45.000				-.0581			
90.000			-.0713	-.0849	-.1094	-.1236	.1000
135.000				-.0671	-.0679	.0578	
141.000							.4448
180.000			-.0444	-.0449	-.0449	-.0481	
186.000							.0188
219.000							.0843
225.000				-.0689			
270.000		-.0412	-.0416	-.0197			.0851
315.000				-.0635	-.0862	-.0860	-.0540

AP097-044 1A82 OTS(SRB=NOM+ MPS=NOM) ET-BASE-- (RE6H38)

ALPHA (2) = .316 BETA (2) = -.123 MACH = 2.0003 RN/L = 3.5340 Q(PSF) = 775.80 P = 276.99

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0289		-.0228	-.0176	-.0187	-.0316	-.0377
45.000				-.0570			
90.000			-.0255	-.0349	-.0535	-.0528	.0994
135.000				-.0768	-.0753	-.0141	
141.000							.3348
180.000			-.0590	-.0599	-.0484	-.0624	
186.000							.0771
219.000							.2333
225.000				-.0688			
270.000		-.0287	-.0250	-.0010			.1655
315.000				-.0469	-.0661	-.0711	-.0178

ALPHA (2) = .293 BETA (3) = 3.955 MACH = 2.0003 RN/L = 3.5340 Q(PSF) = 775.80 P = 276.99

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0227		-.0194	-.0172	-.0168	-.0303	-.0391
45.000				-.0409			
90.000			-.0235	-.0315	-.0463	-.0619	.0298
135.000				-.0365	-.0537	-.0842	
141.000							.1346
180.000			-.0356	-.0757	-.0842	-.0988	
186.000							.0661
219.000							.3863
225.000				-.0803			
270.000		-.0201	-.0216	-.0122			.1732
315.000				-.0260	-.0565	-.0727	.0154

ALPHA (3) = 4.443 BETA (1) = -.095 MACH = 2.0003 RN/L = 3.5187 Q(PSF) = 773.35 P = 276.12

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0247		-.0168	-.0127	-.0135	-.0314	-.0196
45.000				-.0394			
90.000			-.0335	-.0420	-.0671	-.0775	.0237
135.000				-.0280	-.0255	.0207	
141.000							.4193
180.000			-.0228	-.0217	-.0155	-.0309	
186.000							.1261

ARC97-044IA82 OTS(SRB=NOM+ MPS=NOM) ET-BASE-- (RE6H38)

ALPHA (3) = 4.443 BETA (1) = -.095

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2479
225.000				-.0479			
270.000		-.0232	-.0250	-.0093			.1015
315.000				-.0076	-.0263	-.0479	-.0278

ARC97-044IA82 OTS(SRB=NOM++ MPS=NOM) ET-BASE-- (RE6H39) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.637 BETA (1) = -.098 MACH = 2.0003 RN/L = 3.5289 Q(PSF) = 777.15 P = 277.48

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0126		.0110	.0119	.0151	.0035	-.0281
45.000				.0055			
90.000			-.0026	-.0251	-.0533	-.0535	.1126
135.000				.0277	.0329	.0250	
141.000							.2628
180.000			.0301	.0344	.0390	.0222	
186.000							.0547
219.000							.1999
225.000				-.0115			
270.000		.0123	.0117	.0195			.2124
315.000				-.0103	-.0193	-.0198	-.0180

ALPHA (2) = .293 BETA (1) = -4.040 MACH = 2.0003 RN/L = 3.5370 Q(PSF) = 778.07 P = 277.81

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0235		.0210	.0197	.0192	.0162	-.0355
45.000				.0109			
90.000			-.0008	-.0254	-.0372	-.0404	.1105
135.000				.0558	.0511	.1250	
141.000							.4436
180.000			.0459	.0461	.0471	.0421	
186.000							.0447
219.000							.0964
225.000				.0206			
270.000		.0307	.0296	.0427			.1004
315.000				.0197	.0170	.0157	-.0526

AP097-044IA82 OTS(SRB=NOM++ MPS=NOM) ET-BASE-- (RE6H33)

ALPHA (2) = .316 BETA (2) = -.123 MACH = 2.0003 RN/L = 3.5370 Q(PSF) = 778.07 P = 277.81

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0305		.0318	.0356	.0368	.0315	-.0343
45.000				.0219			
90.000			.0269	-.0010	-.0342	-.0312	.1050
135.000				.0433	.0471	.0528	
141.000							.3324
180.000			.0453	.0494	.0546	.0337	
184.000							.0905
219.000							.2238
225.000				.0038			
270.000		.0323	.0307	.0357			.1702
315.000				.0206	.0079	.0015	-.0176

ALPHA (2) = .303 BETA (3) = 3.955 MACH = 2.0003 RN/L = 3.5370 Q(PSF) = 778.07 P = 277.81

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0501		.0486	.0512	.0517	.0528	-.0300
45.000				.0493			
90.000			.0475	.0439	.0491	.0081	.0417
135.000				.0352	.0346	.0068	
141.000							.1166
180.000			.0361	.0178	-.0039	-.0344	
184.000							.0635
219.000							.3234
225.000				.0315			
270.000		.0411	.0394	.0522			.1749
315.000				.0497	.0401	.0235	.0137

ALPHA (2) = 4.478 BETA (3) = -.095 MACH = 2.0003 RN/L = 3.5370 Q(PSF) = 776.14 P = 277.12

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0417		.0489	.0564	.0614	.0590	-.0130
45.000				.0395			
90.000			.0392	.0230	.0074	-.0265	.0422
135.000				.0577	.0630	.0719	
141.000							.4111
180.000			.0564	.0654	.0704	.0448	
185.000							.1304

ARC97-044IA82 OTS(SRB=NOM++ MPS=NOM) ET-BASE-- (RE6H39)

ALPHA (3) = 4.479 BETA (1) = -.095

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2438
225.000				.0074			
270.000		.0454	.0445	.0521			.1065
315.000				.0531	.0468	.0352	-.0226

ARC97-044IA82 OTS(SRB=NOM MPS=NOM-) ET-BASE-- (RE6H40) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.651 BETA (1) = -.098 MACH = 2.0003 RN/L = 3.5299 Q(PSF) = 778.41 P = 277.93

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0870		-.0973	-.1079	-.1149	-.1378	-.0344
45.000				-.1095			
90.000			-.1053	-.1275	-.1307	-.1272	.1018
135.000				-.0962	-.0890	-.0510	
141.000							.2735
180.000			-.0958	-.0907	-.0920	-.0926	
186.000							.0333
219.000							.1987
225.000				-.1183			
270.000		-.1002	-.1024	-.0886			.2051
315.000				-.0864	-.0974	-.1095	-.0213

ALPHA (2) = .283 BETA (1) = -4.036 MACH = 2.0003 RN/L = 3.5375 Q(PSF) = 779.26 P = 278.23

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0887		-.1123	-.1199	-.1242	-.1379	-.0431
45.000				-.1191			
90.000			-.1452	-.1583	-.1599	-.1608	.0979
135.000				-.1472	-.0996	.0159	
141.000							.4453
180.000			-.1116	-.1134	-.1093	-.1154	
186.000							.0201
219.000							.0832
225.000				-.1253			
270.000		-.0959	-.0929	-.0827			.0806
315.000				-.0818	-.0967	-.1069	-.0558

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044IA82 OTS(SRB=NOM MPS=NOM-) ET-BASE-- (RE6H40)

ALPHA (2) = .293 BETA (2) = -.123 MACH = 2.0003 RN/L = 3.5375 Q(PSF) = 779.26 P = 278.23

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0787		-.0831	-.0849	-.0887	-.1133	-.0420
45.000				-.0971			
90.000			-.0914	-.1206	-.1213	-.1164	.0920
135.000				-.0982	-.0918	-.0275	
141.000							.3338
180.000			-.0905	-.0887	-.0817	-.0979	
186.000							.0730
219.000							.2324
225.000				-.1033			
270.000		-.0854	-.0792	-.0848			.1558
315.000				-.0716	-.0830	-.0958	-.0203

ALPHA (2) = .280 BETA (3) = 3.955 MACH = 2.0003 RN/L = 3.5375 Q(PSF) = 779.26 P = 278.23

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0733		-.0799	-.0783	-.0819	-.0988	-.0413
45.000				-.1016			
90.000			-.0856	-.0915	-.1067	-.1376	.0279
135.000				-.0928	-.1049	-.1345	
141.000							.1363
180.000			-.0933	-.1267	-.1207	-.1273	
186.000							.0672
219.000							.3658
225.000				-.0940			
270.000		-.0840	-.0874	-.0587			.1724
315.000				-.0727	-.0977	-.1115	.0135

ALPHA (3) = 4.438 BETA (1) = -.095 MACH = 2.0003 RN/L = 3.5283 Q(PSF) = 776.14 P = 277.12

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0724		-.0676	-.0713	-.0787	-.1034	-.0236
45.000				-.1026			
90.000			-.0834	-.0963	-.1317	-.1231	.0308
135.000				-.1168	-.1004	-.0133	
141.000							.4105
180.000			-.0966	-.1015	-.1004	-.1194	
186.000							.1306

ARC97-044IA82 OTS(SRB=NOM MPS=NOM-) ET-BASE-- (REGM40)

ALPHA (3) = 4.436 BETA (1) = -.095

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0008
PHI							
219.000							.2552
225.000				-.0876			
270.000		-.0731	-.0804	-.0553			.1023
315.000				-.0643	-.0917	-.1045	-.0297

ARC97-0441A82 OTS(SRB=NOM MPS=NOM+) ET-BASE-- (RE6H41) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.691 BETA (1) = -.098 MACH = 2.0003 RN/L = 3.5262 Q(PSF) = 777.65 P = 277.66

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0622		-.0694	-.0740	-.0803	-.1064	-.0338
45.000				-.0782			
90.000			-.0789	-.0963	-.1004	-.0970	.1017
135.000				-.0564	-.0522	-.0292	
141.000							.2645
180.000			-.0604	-.0522	-.0443	-.0588	
186.000							.0372
219.000							.2038
225.000				-.0992			
270.000		-.0701	-.0690	-.0680			.2054
315.000				-.0628	-.0708	-.0805	-.0211

ALPHA (2) = .235 BETA (1) = -4.036 MACH = 2.0003 RN/L = 3.5311 Q(PSF) = 777.82 P = 277.72

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0545		-.0664	-.0684	-.0713	-.0863	-.0411
45.000				-.0724			
90.000			-.0926	-.1114	-.1415	-.1569	.0993
135.000				-.0966	-.0795	.0400	
141.000							.4436
180.000			-.0691	-.0689	-.0696	-.0716	
186.000							.0223
219.000							.0841
225.000				-.0933			
270.000		-.0605	-.0596	-.0553			.0820
315.000				-.0697	-.0725	-.0790	-.0547

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

ARC97-044IA82 OTS(SRB=NOM MPS=NOM+) ET-BASE-- (RE6H41)

ALPHA (2) = .289 BETA (2) = -.123 MACH = 2.0003 RN/L = 3.5311 Q(PSF) = 777.82 P = 277.72

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0537		-.0578	-.0569	-.0578	-.0787	-.0385
45.000				-.0848			
90.000			-.0649	-.0854	-.1090	-.1145	.0958
135.000				-.0486	-.0453	-.0044	
141.000							.3326
180.000			-.0470	-.0422	-.0341	-.0475	
186.000							.0751
219.000							.2291
225.000				-.0814			
270.000		-.0587	-.0536	-.0569			.1621
315.000				-.0457	-.0541	-.0640	-.0192

ALPHA (2) = .256 BETA (3) = 3.955 MACH = 2.0003 RN/L = 3.5311 Q(PSF) = 777.82 P = 277.72

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0485		-.0490	-.0490	-.0521	-.0737	-.0416
45.000				-.0765			
90.000			-.0520	-.0633	-.0772	-.0805	.0288
135.000				-.0750	-.0980	-.1164	
141.000							.1315
180.000			-.0657	-.1050	-.1077	-.1178	
186.000							.0683
219.000							.3858
225.000				-.1393			
270.000		-.0485	-.0521	-.0344			.1764
315.000				-.0701	-.1026	-.1186	.0154

ALPHA (3) = 4.389 BETA (1) = -.098 MACH = 2.0003 RN/L = 3.5349 Q(PSF) = 777.91 P = 277.75

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0478		-.0454	-.0439	-.0457	-.0693	-.0227
45.000				-.0767			
90.000			-.0634	-.0775	-.1039	-.0983	.0228
135.000				-.0494	-.0492	.0109	
141.000							.4156
180.000			-.0458	-.0443	-.0378	-.0514	
186.000							.1238

ARC97-044IA82 OTS(SRB=NOM MPS=NOM+) ET-BASE-- (REGM+1)

ALPHA (3) = 4.389 BETA (1) = -.098

SECTION : IET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2470
225.000				-.0851			
270.000		-.0502	-.0531	-.0391			.1089
315.000				-.0374	-.0604	-.0745	-.0283

TABULATED SOURCE DATA - IA82B

AP097-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (REGH42) (14 MAR 75)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2491.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.363 BETA (1) = -.098 MACH = 2.2000 RN/L = 3.3609 Q(PSF) = 687.76 P = 203.00

SECTION (1 ET BASE DEPENDENT VARIABLE CP

R/RBO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1611		-.2085	-.2147	-.2168	-.1992	-.0361
+5.000				-.2062			
90.000			-.2037	-.2079	-.2075	-.2023	.1298
135.000				-.2174	-.1763	-.0775	.2880
141.000							
180.000			-.2118	-.2166	-.2133	-.1617	.0696
186.000							.2446
219.000							
225.000				-.1981			.2184
270.000		-.1915	-.2000	-.1177	-.2019	-.2060	.0091
315.000				-.1580			

ALPHA (2) = .585 BETA (1) = -4.036 MACH = 2.2000 RN/L = 3.3543 Q(PSF) = 687.94 P = 203.08

SECTION (1 ET BASE DEPENDENT VARIABLE CP

R/RBO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1639		-.1871	-.1859	-.1787	-.1868	-.0654
+5.000				-.1954			
90.000			-.2094	-.2196	-.2142	-.2152	.1594
135.000				-.2041	-.1434	.0019	.4468
141.000							
180.000			-.2045	-.2041	-.1924	-.1810	.0368
186.000							.0867
219.000							
225.000				-.1865			.0992
270.000		-.1786	-.1897	-.1984	-.1995	-.2019	-.0443
315.000				-.1964			

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (REGH42)

ALPHA (2) = .597 BETA (2) = -2.085 MACH = 2.2000 RN/L = 3.3543 Q(PSF) = 687.94 P = 203.06

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1509		-.1858	-.1957	-.1791	-.1924	-.0613
45.000				-.1870			
90.000			-.2033	-.2083	-.2059	-.2069	.1461
135.000				-.2098	-.1691	-.0411	
141.000							.3831
180.000			-.2079	-.2106	-.2019	-.1855	
186.000							.0701
219.000							.1242
225.000				-.1949			
270.000		-.1824	-.1896	-.1114			.1539
315.000				-.1527	-.1970	-.2034	-.0195

ALPHA (2) = .597 BETA (3) = -.113 MACH = 2.2000 RN/L = 3.3543 Q(PSF) = 687.94 P = 203.06

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1578		-.1928	-.1992	-.1920	-.2082	-.0540
45.000				-.1874			
90.000			-.2006	-.2029	-.2024	-.2028	.1392
135.000				-.2004	-.1448	-.0501	
141.000							.3403
180.000			-.2114	-.2137	-.2098	-.1581	
186.000							.0816
219.000							.2207
225.000				-.1878			
270.000		-.1810	-.1909	-.1118			.1733
315.000				-.1508	-.1951	-.2007	-.0057

ALPHA (2) = .594 BETA (4) = 1.945 MACH = 2.2000 RN/L = 3.3543 Q(PSF) = 687.94 P = 203.06

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1597		-.1930	-.1911	-.1850	-.2027	-.0621
45.000				-.2002			
90.000			-.1893	-.1946	-.1921	-.1923	.1134
135.000				-.2019	-.1536	-.0683	
141.000							.2408
180.000			-.1965	-.2182	-.2181	-.1773	
186.000							.1525

AR097-044;A82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H42)

ALPHA (2) = .69+ BETA (4) = 1.9+5

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.3194
225.000				-.1973			
270.000		-.1843	-.1882	-.1108			.2103
315.000				-.1482	-.1931	-.1993	.0107

ALPHA (2) = .685 BETA (5) = 3.951 MACH = 2.2000 RN/L = 3.3543 Q(PSF) = 687.94 P = 203.06

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1610		-.1885	-.1879	-.1799	-.1884	-.0643
45.000				-.2006			
90.000			-.1842	-.1931	-.1894	-.1992	.0369
135.000				-.1839	-.1836	-.1805	
141.000							.1915
180.000			-.1952	-.2120	-.2123	-.2086	
196.000							.1181
219.000							.4103
225.000				-.2001			
270.000		-.1873	-.1952	-.1150			.1961
315.000				-.1495	-.1921	-.2003	.0256

ALPHA (3) = 4.733 BETA ( ) = -.092 MACH = 2.2000 RN/L = 3.3398 Q(PSF) = 687.76 P = 203.00

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1607		-.1865	-.1878	-.1941	-.2022	-.0368
45.000				-.1820			
90.000			-.1783	-.1847	-.1837	-.1837	.0543
135.000				-.1917	-.1271	-.0202	
141.000							.3825
180.000			-.1944	-.2004	-.1924	-.1690	
187.000							.1100
219.000							.2186
225.000				-.1747			
270.000		-.1716	-.1778	-.1097			.1239
315.000				-.1542	-.1991	-.1995	-.0165

ARC97-044IA82 OTS(SRB=NOM- MPS=NOM) ET-BASE-- (RE6H43) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1230.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.433 BETA (1) = -.092 MACH = 2.2000 RN/L = 3.3337 Q(PSF) = 689.78 P = 203.60

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0752		-.0896	-.1031	-.1117	-.1260	-.0294
45.000				-.0973			
90.000			-.1080	-.1242	-.1262	-.1237	.1208
135.000				-.0882	-.0857	-.0319	
141.000							.2873
180.000			-.0830	-.0766	-.0726	-.0807	
186.000							.0705
219.000							.2458
225.000				-.1113			
270.000		-.0896	-.0956	-.0537			.2225
315.000				-.0774	-.0919	-.1025	.0086

ALPHA (2) = .514 BETA (1) = -4.033 MACH = 2.2000 RN/L = 3.3233 Q(PSF) = 688.66 P = 203.26

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0819		-.0993	-.1026	-.1060	-.1148	-.0580
45.000				-.1089			
90.000			-.1369	-.1416	-.1418	-.1399	.1471
135.000				-.1217	-.0854	.0109	
141.000							.4447
180.000			-.1012	-.1010	-.0971	-.1035	
186.000							.0371
219.000							.0875
225.000				-.1207			
270.000		-.0912	-.0869	-.0646			.0936
315.000				-.0834	-.1004	-.1096	-.0449

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044(A82 OTS(SRB=NOM- MPS=NOM) ET-BASE-- (RE6**43)

ALPHA (2) = .503 BETA (2) = -.113 MACH = 2.2000 RN/L = 3.3233 Q(PSF) = 688.66 P = 203.26

SECTION NET BASE DEPENDENT VARIABLE CP

R ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0747		-.0836	-.0883	-.0872	-.1016	-.0455
+5.000				-.0904			
90.000			-.0985	-.1172	-.1170	-.1153	.1269
135.000				-.0971	-.0808	-.0118	
141.000							.3416
144.000			-.0859	-.0871	-.0816	-.0877	
145.000							.0831
210.000							.2238
225.000				-.1025			
270.000		-.0834	-.0861	-.0542			.1805
315.000				-.0675	-.0843	-.0945	-.0045

ALPHA (2) = .511 BETA (3) = 3.961 MACH = 2.2000 RN/L = 3.3233 Q(PSF) = 688.66 P = 203.26

SECTION NET BASE DEPENDENT VARIABLE CP

R ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0534		-.0695	-.0871	-.0651	-.0747	-.0572
+5.000				-.0741			
90.000			-.0843	-.0878	-.0909	-.0965	.0230
135.000				-.0836	-.0836	-.0990	
141.000							.1914
144.000			-.0890	-.1116	-.1111	-.1175	
145.000							.1160
210.000							.4113
225.000				-.0867			
270.000		-.0786	-.0797	-.0858			.2018
315.000				-.0581	-.0820	-.0945	.0260

ALPHA (3) = +.620 BETA (1) = -.092 MACH = 2.2000 RN/L = 3.3225 Q(PSF) = 688.66 P = 203.26

SECTION NET BASE DEPENDENT VARIABLE CP

R ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0749		-.0793	-.0817	-.0971	-.1121	-.0309
+5.000				-.1207			
90.000			-.0915	-.1103	-.1309	-.1334	.0420
135.000				-.1142	-.0853	.0068	
141.000							.3865
144.000			-.0944	-.0973	-.0930	-.0955	
145.000							.1144

AR097-044IA82 DTS(SRB=NOM- MPS=NOM) ET-BASE-- (REG=43)

BETA (11 = -.092

OPTION	ET BASE	DEPENDENT VARIABLE CP					
PERIOD	.0010	.4500	.8350	.8400	.8950	.9460	1.0000
[illegible]							.2281
[illegible]				-.0960			
[illegible]		-.0815	-.0937	-.0553			.1283
[illegible]				-.0646	-.0926	-.1019	-.0151

AR097-044:A82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RES=44) (14 MAR 75)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.480 BETA (1) = -.095 MACH = 2.2000 RN/L = 3.3067 Q(PSF) = 689.11 P = 203.40

SECTION ET BASE DEPENDENT VARIABLE CP

R ETA	.0000	.4700	.6350	.6400	.8350	.9460	1.0000
RAY							
[illegible]	-.0478		-.0543	-.0605	-.0665	-.0873	-.0262
[illegible]				-.0602			
[illegible]			-.0716	-.0815	-.0931	-.0920	.1204
[illegible]				-.0416	-.0391	.0018	
[illegible]							.2891
[illegible]			-.0462	-.0379	-.0302	-.0335	
[illegible]							.0747
[illegible]							.2482
[illegible]				-.0928			
[illegible]		-.0545	-.0563	-.0283			.2255
[illegible]				-.0470	-.0555	-.0644	.0121

ALPHA (2) = .500 BETA (1) = -4.033 MACH = 2.2000 RN/L = 3.3024 Q(PSF) = 688.66 P = 203.27

SECTION ET BASE DEPENDENT VARIABLE CP

R ETA	.0000	.4600	.6350	.6400	.8350	.9460	1.0000
RAY							
[illegible]	-.0468		-.0539	-.0552	-.0541	-.0616	-.0520
[illegible]				-.0614			
[illegible]			-.0817	-.1022	-.0988	-.0986	.1477
[illegible]				-.0809	-.0695	.0307	
[illegible]							.4501
[illegible]			-.0889	-.0829	-.0576	-.0614	
[illegible]							.0409
[illegible]							.0876
[illegible]				-.0803			
[illegible]		-.0535	-.0609	-.0873			.0946
[illegible]				-.0481	-.0612	-.0657	-.0419

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H44)

ALPHA (2) = .507 BETA (2) = -2.088 MACH = 2.2000 RN/L = 3.3024 Q(PSF) = 688.66 P = 203.27

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0442		-.0551	-.0559	-.0580	-.0702	-.0473
45.000				-.0617			
90.000			-.0861	-.1003	-.0988	-.0984	.1358
135.000				-.0660	-.0704	.0018	
141.000							.3866
180.000			-.0528	-.0520	-.0491	-.0479	
186.000							.0819
219.000							.1345
225.000				-.0745			
270.000		-.0495	-.0462	-.0280			.1581
315.000				-.0402	-.0524	-.0601	-.0140

ALPHA (2) = .510 BETA (3) = -.116 MACH = 2.2000 RN/L = 3.3024 Q(PSF) = 688.66 P = 203.27

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0417		-.0442	-.0432	-.0456	-.0543	-.0405
45.000				-.0498			
90.000			-.0471	-.0783	-.0815	-.0713	.1276
135.000				-.0537	-.0471	.0093	
141.000							.3468
180.000			-.0436	-.0453	-.0357	-.0398	
186.000							.0876
219.000							.2253
225.000				-.0601			
270.000		-.0446	-.0378	-.0284			.1811
315.000				-.0359	-.0438	-.0516	-.0018

ALPHA (2) = .507 BETA (4) = 1.945 MACH = 2.2000 RN/L = 3.3024 Q(PSF) = 688.66 P = 203.27

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0394		-.0394	-.0404	-.0430	-.0506	-.0494
45.000				-.0926			
90.000			-.0423	-.0557	-.0608	-.0658	.1025
135.000				-.0812	-.0766	-.0315	
141.000							.2446
180.000			-.0673	-.0820	-.1053	-.1101	
186.000							.1544

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H44)

ALPHA (2) = .507 BETA (4) = 1.945

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.3186
225.000				-.0574			
270.000		-.0396	-.0342	-.0241			.2178
315.000				-.0334	-.0469	-.0548	.0122

ALPHA (2) = .504 BETA (5) = 3.961 MACH = 2.2000 RN/L = 3.3024 Q(PSF) = 688.66 P = 203.27

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0292		-.0327	-.0302	-.0274	-.0357	-.0501
45.000				-.0389			
90.000			-.0369	-.0420	-.0551	-.0815	.0228
135.000				-.0454	-.0513	-.0680	
141.000							.1882
180.000			-.0493	-.0722	-.0707	-.0774	
186.000							.1160
219.000							.4106
225.000				-.0605			
270.000		-.0362	-.0416	.0009			.2036
315.000				-.0232	-.0395	-.0517	.0283

ALPHA (3) = 4.627 BETA (1) = -.089 MACH = 2.2000 RN/L = 3.2917 Q(PSF) = 685.97 P = 202.47

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0377		-.0312	-.0285	-.0279	-.0407	-.0257
45.000				-.0472			
90.000			-.0321	-.0439	-.0705	-.0755	.0446
135.000				-.0950	-.0732	.0123	
141.000							.3884
180.000			-.0599	-.0900	-.0782	-.0894	
186.000							.1142
219.000							.2228
225.000				-.0840			
270.000		-.0356	-.0350	.0079			.1303
315.000				-.0252	-.0563	-.0705	-.0124

ARC97-044IA82 OTS(SRB=NOM+ MPS=NOM) ET-BASE-- (RE6H45) (14 MAR 75)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.450 BETA (1) = -.092 MACH = 2.2000 RN/L = 3.3016 Q(PSF) = 688.21 P = 203.13

SECTION : 1:ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0036		-.0041	-.0037	-.0028	-.0141	-.0210
45.000				-.0061			
90.000			-.0198	-.0360	-.0374	-.0343	.1215
135.000				.0188	.0257	.0486	
141.000							.2870
180.000			.0117	.0192	.0292	.0153	
186.000							.0813
219.000							.2464
225.000				-.0377			
270.000		-.0039	-.0028	.0107			.2250
315.000				-.0014	-.0039	-.0099	.0137

ALPHA (2) = .491 BETA (1) = -4.033 MACH = 2.2000 RN/L = 3.2928 Q(PSF) = 688.21 P = 203.13

SECTION : 1:ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0025		-.0061	-.0069	-.0031	-.0081	-.0504
45.000				-.0135			
90.000			-.0246	-.0474	-.0572	-.0704	.1510
135.000				.0156	.0154	.0794	
141.000							.4420
180.000			.0137	.0147	.0198	.0200	
186.000							.0418
219.000							.0904
225.000				-.0150			
270.000		-.0017	-.0019	.0234			.0983
315.000				.0044	-.0004	-.0046	-.0421

ARC97-044IA82 OTS(SRB=NOM+ MPS=NOM) ET-BASE-- (RE6H45)

ALPHA (2) = .507 BETA (2) = -.116 MACH = 2.2000 RN/L = 3.2928 Q(PSF) = 688.21 P = 203.13

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0056		.0075	.0093	.0119	.0069	-.0367
45.000				.0015			
90.000			.0021	-.0116	-.0390	-.0567	.1320
135.000				.0263	.0327	.0553	
141.000							.3428
180.000			.0209	.0290	.0372	.0244	
186.000							.0920
219.000							.2187
225.000				-.0180			
270.000		.0085	.0133	.0237			.1817
315.000				.0148	.0115	.0059	-.0001

ALPHA (2) = .488 BETA (3) = 3.961 MACH = 2.2000 RN/L = 3.2928 Q(PSF) = 688.21 P = 203.13

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0104		.0203	.0226	.0238	.0211	-.0469
45.000				.0177			
90.000			.0241	.0272	.0254	.0015	.0230
135.000				.0112	.0013	-.0246	
141.000							.1796
180.000			.0085	-.0309	-.0460	-.0704	
186.000							.1150
219.000							.4074
225.000				-.0495			
270.000		.0168	.0168	.0350			.2048
315.000				.0103	-.0159	-.0230	.0308

ALPHA (3) = 4.613 BETA (1) = -.092 MACH = 2.2000 RN/L = 3.2850 Q(PSF) = 688.43 P = 203.20

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0134		.0256	.0345	.0344	.0302	-.0230
45.000				.0201			
90.000			.0219	.0122	-.0103	-.0194	.0502
135.000				-.0503	-.0354	.0331	
141.000							.3769
180.000			.0056	-.0222	-.0157	-.0265	
186.000							.1152

ARC97-044IA82 OTS(SRB=NOM+ MPS=NOM) ET-BASE-- (RE6H45)

ALPHA (3) = 4.613 BETA (1) = -.092

SECTION : ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2187
225.000				.0039			
270.000		.0329	.0364	.0647			.1368
315.000				.0335	.0155	.0094	-.0102

ARC97-044IA82 OTS(SRB=NOM++ MPS=NOM) ET-BASE-- (RE6H46) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.440 BETA (1) = -.095 MACH = 2.2000 RN/L = 3.2872 Q(PSF) = 688.21 P = 203.13

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0416		.0439	.0460	.0492	.0456	-.0155
45.000				.0437			
90.000			.0307	.0089	-.0182	-.0214	.1284
135.000				.0665	.0725	.0847	
141.000							.2780
180.000			.0701	.0736	.0758	.0641	
186.000							.0936
219.000							.2435
225.000				.0290			
270.000		.0390	.0404	.0560			.2293
315.000				.0460	.0454	.0392	.0127

ALPHA (2) = .511 BETA (1) = -4.033 MACH = 2.2000 RN/L = 3.2854 Q(PSF) = 688.06 P = 203.09

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0565		.0422	.0443	.0450	.0450	-.0359
45.000				.0360			
90.000			.0346	.0116	-.0188	-.0199	.1620
135.000				.0859	.0914	.1371	
141.000							.4401
180.000			.0614	.0805	.0797	.0766	
186.000							.0815
219.000							.1100
225.000				.0619			
270.000		.0524	.0519	.0747			.1129
315.000				.0477	.0454	.0427	-.0339

ARC87-044!A82 OTS(SRB=NOM++ MPS=NOM) ET-BASE-- (REGH46)

ALPHA (2) = .527 BETA (2) = -.116 MACH = 2.2000 RN/L = 3.2854 Q(PSF) = 688.06 P = 203.09

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0593		.0607	.0673	.0736	.0741	.0165
45.000				.0601			
90.000			.0524	.0338	.0032	-.0110	.1385
135.000				.0729	.0770	.0867	
141.000							.3296
180.000			.0702	.0758	.0815	.0670	
188.000							.1013
213.000							.2146
225.000				.0414			
270.000		.0653	.0698	.0749			.1824
315.000				.0701	.0736	.0680	.0014

ALPHA (2) = .511 BETA (3) = 3.951 MACH = 2.2000 RN/L = 3.2854 Q(PSF) = 688.06 P = 203.09

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0663		.0648	.0684	.0703	.0714	-.0018
45.000				.0735			
90.000			.0766	.0783	.0828	.0643	.0522
135.000				.0582	.0538	.0292	
141.000							.1556
180.000			.0648	.0358	.0205	.0124	
188.000							.1086
213.000							.4016
225.000				.0385			
270.000		.0627	.0823	.0741			.2029
315.000				.0630	.0434	.0438	.0265

ALPHA (2) = 4.647 BETA (1) = -.089 MACH = 2.2000 RN/L = 3.2774 Q(PSF) = 688.21 P = 203.13

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0564		.0701	.0882	.0937	.0991	.0169
45.000				.0711			
90.000			.0521	.0494	.0379	.0036	.0614
135.000				.0492	.0533	.0795	
141.000							.3770
180.000			.0570	.0643	.0752	.0641	
196.000							.1259

APC37-044IA82 OTS(SRB=NOM++ MPS=NOM) ET-BASE-- (RE6H46)

ALPHA (3) = 4.647 BETA (1) = -.089

SECTION (1)ET BASE DEPENDENT VARIABLE CP

RHOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
210.000							.2120
255.000				.0620			
270.000		.0865	.1060	.1351			.1490
315.000				.0741	.0505	.0477	-.0010

ARC97-044IA82 OTS(SRB=NOM MPS=NOM-) ET-BASE-- (RE6H47) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.440 BETA (1) = -.092 MACH = 2.2000 RN/L = 3.2843 Q(PSF) = 687.31 P = 202.87

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0600		-.0710	-.0797	-.0861	-.1057	-.0266
45.000				-.0784			
90.000			-.0853	-.1060	-.1071	-.1067	.1232
135.000				-.0566	-.0630	-.0187	
141.000							.2865
180.000			-.0666	-.0585	-.0528	-.0587	
186.000							.0739
219.000							.2505
225.000				-.0909			
270.000		-.0716	-.0741	-.0414			.2235
315.000				-.0591	-.0724	-.0822	.0110

ALPHA (2) = .468 BETA (1) = -4.033 MACH = 2.2000 RN/L = 3.2789 Q(PSF) = 688.06 P = 203.09

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0663		-.0822	-.0878	-.0894	-.1008	-.0560
45.000				-.0886			
90.000			-.1184	-.1221	-.1220	-.1218	.1499
135.000				-.1025	-.0765	.0138	
141.000							.4432
180.000			-.0859	-.0947	-.0830	-.0884	
186.000							.0390
219.000							.0880
225.000				-.0955			
270.000		-.0733	-.0690	-.0443			.0921
315.000				-.0622	-.0773	-.0834	-.0427

ARC97-044IA82 OTS(SRB=NOM MPS=NOM-) ET-BASE-- (RE6H47)

ALPHA (2) = .507 BETA (2) = -.116 MACH = 2.2000 RN/L = 3.2789 Q(PSF) = 688.06 P = 203.09

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0534		-.0582	-.0567	-.0569	-.0715	-.0440
45.000				-.0621			
90.000			-.0623	-.0909	-.0923	-.0875	.1302
135.000				-.0766	-.0661	-.0056	
141.000							.3409
180.000			-.0704	-.0700	-.0623	-.0709	
186.000							.0850
219.000							.2263
225.000				-.0733			
270.000		-.0551	-.0526	-.0374			.1722
315.000				-.0430	-.0569	-.0686	-.0034

ALPHA (2) = .494 BETA (3) = 3.961 MACH = 2.2000 RN/L = 3.2789 Q(PSF) = 688.06 P = 203.09

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0417		-.0487	-.0473	-.0475	-.0563	-.0542
45.000				-.0535			
90.000			-.0576	-.0591	-.0725	-.1049	.0212
135.000				-.0568	-.0610	-.0789	
141.000							.1887
180.000			-.0632	-.0857	-.0878	-.0920	
186.000							.1154
219.000							.4059
225.000				-.0692			
270.000		-.0520	-.0564	-.0105			.2024
315.000				-.0425	-.0627	-.0758	.0258

ALPHA (3 = 4.623 BETA (1) = -.089 MACH = 2.2000 RN/L = 3.2801 Q(PSF) = 687.99 P = 203.07

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0535		-.0516	-.0533	-.0547	-.0743	-.0302
45.000				-.0763			
90.000			-.0586	-.0713	-.0969	-.0980	.0455
135.000				-.1001	-.0793	.0087	
141.000							.3786
180.000			-.0787	-.0937	-.0851	-.0923	
186.000							.1118

ARC97-044!A82 OTS(SRB=NOM MPS=NOM-) ET-BASE-- (RE6H47)

ALPHA ? = 4.883 BETA (1) = -.089

[illegible] BASE DEPENDENT VARIABLE CP

R/RC	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
[illegible]							.2215
[illegible]				-.0756			
[illegible]		-.0537	-.0495	-.0389			.1338
[illegible]				-.0391	-.0576	-.0666	-.0140

AR097-044IA82 OTS(SRB=NOM MPS=NOM+1 ET-BASE-- (REGH48) (14 MAR 75)

REFERENCE DATA

SREF = 8930.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1560.3000 IN. YMRP = .0000 IN. YT
BREF = 1560.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.490 BETA (1) = -.092 MACH = 2.2000 RN/L = 3.2777 Q(PSF) = 688.21 P = 203.13

SECTION 1 NET BASE DEPENDENT VARIABLE CP

R/RO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
.000	-.0316		-.0381	-.0403	-.0429	-.0636	-.0250
45.000				-.0426			
90.000			-.0575	-.0757	-.0759	-.0732	.1206
135.000				-.0180	-.0125	.0184	
141.000							.2836
180.000			-.0252	-.0151	-.0059	-.0157	
180.000							.0747
213.000							.2463
225.000				-.0720			
270.000		-.0368	-.0381	-.0139			.2236
315.000				-.0306	-.0383	-.0476	.0101

ALPHA (2) = .469 BETA (1) = -4.033 MACH = 2.2000 RN/L = 3.2745 Q(PSF) = 689.03 P = 203.37

SECTION 1 NET BASE DEPENDENT VARIABLE CP

R/RO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
.000	-.0387		-.0353	-.0383	-.0346	-.0417	-.0537
45.000				-.0394			
90.000			-.0692	-.0941	-.0817	-.0807	.1488
135.000				-.0487	-.0390	.0399	
141.000							.4376
180.000			-.0389	-.0353	-.0334	-.0350	
180.000							.0387
213.000							.0887
225.000				-.0853			
270.000		-.0338	-.0345	-.0187			.0932
315.000				-.0488	-.0404	-.0456	-.0422

DATE 06 FEB 78 TABULATED SOURCE DATA - IA82B

ARC9T-044IA82 OTS(SRB=NOM MPS=NOM+) ET-BASE-- (REGH48)

ALPHA (2) = -.497 BETA (2) = -.113 MACH = 2.2000 RN/L = 3.2745 Q(PSF) = 689.03 P = 203.37

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0282		-.0301	-.0288	-.0301	-.0396	-.0413
45.000				-.0344			
90.000			-.0338	-.0563	-.0610	-.0529	.1307
135.000				-.0278	-.0224	.0214	
141.000							.3390
160.000			-.0229	-.0210	-.0125	-.0176	
180.000							.0869
210.000							.2249
225.000				-.0437			
270.000		-.0307	-.0220	-.0152			.1722
315.000				-.0239	-.0301	-.0359	-.0036

ALPHA (2) = .484 BETA (3) = 3.961 MACH = 2.2000 RN/L = 3.2745 Q(PSF) = 689.03 P = 203.37

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0174		-.0205	-.0195	-.0149	-.0236	-.0522
45.000				-.0284			
90.000			-.0228	-.0255	-.0348	-.0649	.0171
135.000				-.0331	-.0410	-.0610	
141.000							.1882
160.000			-.0377	-.0575	-.0605	-.0693	
180.000							.1154
210.000							.4024
225.000				-.0478			
270.000		-.0232	-.0263	.0021			.2042
315.000				-.0116	-.0265	-.0392	.0285

ALPHA (3) = 4.597 BETA (1) = -.120 MACH = 2.2000 RN/L = 3.2665 Q(PSF) = 687.09 P = 202.80

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0279		-.0169	-.0130	-.0135	-.0239	-.0294
45.000				-.0310			
90.000			-.0190	-.0304	-.0556	-.0583	.0501
135.000				-.0853	-.0674	.0162	
141.000							.3824
160.000			-.0485	-.0764	-.0689	-.0776	
180.000							.1117
185.000							

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

APC87-044;AU2 DTS:SRB=NOM MPS=NOM+1 ET-BASE-- (REV=49)

ALPHA [illegible] = -.597 BETA (1) = -.120

SECTION (1 ET BASE DEPENDENT VARIABLE CP

R.P3D	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PH:							
210.000							.2159
180.000				-.0259			
270.000		-.0233	-.0213	[illegible]			.1367
315.000				-.0189	-.0435	-.0593	-.0127

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H49) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-CB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -3.952 BETA (1) = -.165 MACH = 1.5557 RN/L = 4.1704 Q(PSF) = 923.58 P = 545.18

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2836		-.2849	-.3056	-.3173	-.3472	-.0716
45.000				-.3053			
90.000			-.2984	-.3077	-.3425	-.3646	-.0358
135.000				-.3656	-.3219	-.2470	
141.000							.2682
180.000			-.3240	-.3252	-.3110	-.3578	
185.000							-.0590
219.000							.0546
225.000				-.3167			
270.000		-.2899	-.2978	-.3082			.0659
315.000				-.2710	-.3028	-.3328	-.1103

ALPHA (2) = .001 BETA (1) = -4.082 MACH = 1.5557 RN/L = 4.1548 Q(PSF) = 923.98 P = 545.42

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2664		-.2958	-.3160	-.3165	-.3270	-.0460
45.000				-.3104			
90.000			-.2995	-.3504	-.3794	-.4254	-.1379
135.000				-.3662	-.2788	-.1429	
141.000							.5086
180.000			-.3166	-.3305	-.3226	-.3404	
185.000							-.0723
219.000							.0213
225.000				-.2894			
270.000		-.2665	-.2896	-.2731			-.0756
315.000				-.2597	-.2882	-.3134	-.1338

ARC97-044(A82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (REGH49)

ALPHA (2) = .018 BETA (2) = -.168 MACH = 1.5557 RN/L = 4.1548 Q(PSF) = 923.98 P = 545.42

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2580		-.2681	-.2847	-.3037	-.3365	-.0590
45.000				-.2779			
90.000			-.2870	-.3125	-.3493	-.3854	-.1034
135.000				-.3331	-.2957	-.2215	
141.000							.3559
181.000			-.2988	-.3082	-.3054	-.3424	
186.000							-.0011
219.000							.1259
225.000				-.2902			
270.000		-.2793	-.2856	-.2767			-.0154
315.000				-.2809	-.3147	-.3437	-.0935

ALPHA (3) = .001 BETA (3) = 3.906 MACH = 1.5557 RN/L = 4.1548 Q(PSF) = 923.98 P = 545.42

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2651		-.2918	-.3005	-.3065	-.3185	-.0358
45.000				-.2981			
90.000			-.2869	-.2934	-.3261	-.3492	-.1296
135.000				-.2823	-.2812	-.3037	
141.000							.0373
181.000			-.2891	-.3401	-.3570	-.3907	
186.000							-.0683
219.000							.3559
225.000				-.2887			
270.000		-.2804	-.2842	-.2801			-.0532
315.000				-.2895	-.3282	-.3495	-.0625

ALPHA (3) = 4.088 BETA (3) = -.169 MACH = 1.5557 RN/L = 4.1417 Q(PSF) = 923.58 P = 545.18

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2475		-.2554	-.2743	-.2949	-.3268	-.0467
45.000				-.2806			
90.000			-.2650	-.2869	-.3243	-.3584	-.1829
135.000				-.2638	-.2523	-.2127	
141.000							.4221
181.000			-.2680	-.2543	-.2547	-.2831	
186.000							.0657

ARC97-044(A82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H49)

ALPHA 3 = 4.093 BETA (1) = -.169

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2042
225.000				-.2754			
270.000		-.2604	-.2759	-.2606			-.0793
315.000				-.2419	-.2703	-.3074	-.0970

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H50) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -4.055 BETA (1) = -.165 MACH = 1.5557 RN/L = 4.0596 Q(PSF) = 924.78 P = 545.89

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1749		-.1786	-.1839	-.1955	-.2524	-.0689
45.000				-.2274			
90.000			-.1849	-.1995	-.2340	-.2371	-.0663
135.000				-.2341	-.2216	-.1854	
141.000							.2739
180.000			-.2221	-.1946	-.1856	-.2124	
186.000							-.0480
219.000							.0510
225.000				-.2122			
270.000		-.1853	-.1825	-.1979			.0746
315.000				-.1688	-.1820	-.1943	-.1115

ALPHA (2) = -.112 BETA (1) = -4.082 MACH = 1.5557 RN/L = 4.0348 Q(PSF) = 923.28 P = 545.00

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1736		-.1985	-.2109	-.2180	-.2446	-.0421
45.000				-.2010			
90.000			-.2081	-.2206	-.2598	-.2777	-.1439
135.000				-.2282	-.2135	-.0964	
141.000							.5040
180.000			-.2044	-.2100	-.2121	-.2130	
186.000							-.0847
219.000							.0223
225.000				-.1997			
270.000		-.1773	-.1756	-.1677			-.0599
315.000				-.1680	-.1949	-.2055	-.1317

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H50)

ALPHA (2) = -.095 BETA (2) = -.168 MACH = 1.5557 RN/L = 4.0348 Q(PSF) = 923.28 P = 545.00

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1627		-.1594	-.1655	-.1772	-.2403	-.0568
45.000				-.1878			
90.000			-.1774	-.1790	-.2169	-.2473	-.1181
135.000				-.2117	-.2158	-.1780	
141.000							.3505
180.000			-.2006	-.1911	-.1772	-.2180	
186.000							.0021
219.000							.1142
225.000				-.1908			
270.000		-.1715	-.1718	-.1780			-.0043
315.000				-.1621	-.1840	-.2001	-.0950

ALPHA (2) = -.112 BETA (3) = 3.906 MACH = 1.5557 RN/L = 4.0348 Q(PSF) = 923.28 P = 545.00

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1677		-.1882	-.1974	-.2024	-.2338	-.0330
45.000				-.2099			
90.000			-.1727	-.1809	-.2085	-.2213	-.1426
135.000				-.1926	-.2027	-.2480	
141.000							.0219
180.000			-.1942	-.2336	-.2681	-.3205	
186.000							-.0746
219.000							.3532
225.000				-.1890			
270.000		-.1789	-.1822	-.1748			-.0347
315.000				-.1802	-.2164	-.2405	-.0596

ALPHA (3) = 3.978 BETA (1) = -.165 MACH = 1.5557 RN/L = 4.0353 Q(PSF) = 925.39 P = 546.24

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1561		-.1554	-.1620	-.1715	-.2366	-.0452
45.000				-.1963			
90.000			-.1739	-.1864	-.1989	-.2411	-.1818
135.000				-.1685	-.1746	-.1712	
141.000							.4193
180.000			-.1657	-.1623	-.1600	-.1846	
186.000							.0625

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H50)

ALPHA (1) = 3.978 BETA (1) = -.165

SECTION 1 ET BASE DEPENDENT VARIABLE CP

PERIOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.1990
225.000				-.1924			
270.000		-.1665	-.1837	-.1827			-.0732
315.000				-.1449	-.1614	-.1770	-.0951

DATE OF PREP'N TABULATED SOURCE DATA - IA82B

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H51) (14 MAR 75)

REFERENCE DATA

SREF = 8080.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1293.3000 IN. YMRP = .0000 IN. YT
BREF = 1293.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.707 BETA (1) = -.117 MACH = 2.0003 RN/L = 3.5352 Q(PSF) = 777.40 P = 277.57

SECTION (1)ET BASE DEPENDENT VARIABLE CP

PHI	.0100	.4500	.6350	.8400	.8950	.9460	1.0000
.000	-.1963		-.2442	-.2525	-.2564	-.2424	-.0517
45.000				-.2307			
90.000			-.2426	-.2451	-.2486	-.2450	.0949
135.000				-.2597	-.2001	-.1356	
141.000							.2717
180.000			-.2490	-.2542	-.2536	-.2277	
185.000							.0253
219.000							.1958
225.000				-.2331			
270.000		-.2292	-.2362	-.1746			.1794
315.000				-.2118	-.2461	-.2521	-.0288

ALPHA (2) = .263 BETA (1) = -4.030 MACH = 2.0003 RN/L = 3.5341 Q(PSF) = 777.57 P = 277.63

SECTION (1)ET BASE DEPENDENT VARIABLE CP

PHI	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
.000	-.1893		-.2162	-.2129	-.2116	-.2195	-.0575
45.000				-.2257			
90.000			-.2497	-.2545	-.2665	-.2663	.0974
135.000				-.2523	-.1902	-.0100	
141.000							.4427
180.000			-.2412	-.2462	-.2389	-.2299	
185.000							.0190
219.000							.0776
225.000				-.2133			
270.000		-.2092	-.2170	-.1579			.0687
315.000				-.2023	-.2418	-.2418	-.0611

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H51)

ALPHA (2) = .269 BETA (2) = -.120 MACH = 2.0003 RN/L = 3.5341 Q(PSF) = 777.57 P = 277.63

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1902		-.2220	-.2342	-.2303	-.2433	-.0574
45.000				-.2183			
90.000			-.2384	-.2418	-.2450	-.2442	.0911
135.000				-.2573	-.1772	-.0906	
141.000							.3299
180.000			-.2379	-.2484	-.2401	-.2173	
186.000							.0645
219.000							.2229
225.000				-.2198			
270.000		-.2151	-.2218	-.1642			.1479
315.000				-.2032	-.2377	-.2414	-.0289

ALPHA (2) = .263 BETA (3) = 3.952 MACH = 2.0003 RN/L = 3.5341 Q(PSF) = 777.57 P = 277.63

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1891		-.2135	-.2137	-.2088	-.2164	-.0566
45.000				-.2381			
90.000			-.2139	-.2235	-.2227	-.2209	.0245
135.000				-.2120	-.2207	-.2287	
141.000							.1341
180.000			-.2248	-.2532	-.2576	-.2597	
186.000							.0621
219.000							.3785
225.000				-.2505			
270.000		-.2224	-.2288	-.1731			.1590
315.000				-.1893	-.2244	-.2313	.0071

ALPHA (3) = -.339 BETA (1) = -.095 MACH = 2.0003 RN/L = 3.5368 Q(PSF) = 777.65 P = 277.66

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1779		-.1916	-.2137	-.2129	-.2340	-.0376
45.000				-.2057			
90.000			-.2145	-.2191	-.2192	-.2225	.0173
135.000				-.2422	-.1608	-.0680	
141.000							.4120
180.000			-.2169	-.2335	-.2229	-.2110	
186.000							.1233

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H51)

ALPHA (3) = 4.339 BETA (1) = -.095

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2463
225.000				-.1992			
270.000		-.2010	-.2052	-.1514			.0846
315.000				-.1995	-.2403	-.2435	-.0352

DATE OF PER ME TA[illegible]LATED SOURCE DATA - IA82B

ARC9T-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H52) (14 MAR 75)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BARP = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.741 BETA (1) = -.114 MACH = 2.0003 RN/L = 3.5352 Q(PSF) = 777.91 P = 277.75

SECTION (1 ET BASE DEPENDENT VARIABLE CP

B/B	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
P=(							
[illegible]	-.0800		-.0981	-.1060	-.1164	-.1441	-.0448
+5.000				-.1082			
90.000			-.1042	-.1275	-.1337	-.1298	.0929
135.000				-.1042	-.0964	-.0589	
141.000							.2671
180.000			-.0954	-.0929	-.0845	-.0957	
185.000							.0278
213.000							.1915
225.000				-.1508			
270.000			-.0994	-.0990	-.0695		.1830
315.000					-.1298	-.1486	-.1519	-.0286

ALPHA (2) = .219 BETA (1) = -4.033 MACH = 2.0003 RN/L = 3.5396 Q(PSF) = 779.17 P = 278.20

SECTION (1 ET BASE DEPENDENT VARIABLE CP

B/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
P=(							
.000	-.0835		-.1084	-.1112	-.1173	-.1340	-.0514
+5.000				-.1101			
90.000			-.1258	-.1472	-.1767	-.1847	.0919
135.000				-.1391	-.0953	.0144	
141.000							.4371
180.000			-.1036	-.1070	-.1027	-.1066	
186.000							.0134
219.000							.0764
225.000				-.1352			
270.000			-.0946	-.0979	-.0671		.0699
315.000					-.1121	-.1295	-.1315	-.0623

ARC87-0+4:A82 OTS:SRB=NOM MPS=NOM) ET-BASE-- (RE6H52)

ALPHA (1) = .243 BETA (2) = -.120 MACH = 2.0003 RN/L = 3.5396 Q(PSF) = 779.17 P = 278.20

SECTION (1 ET BASE DEPENDENT VARIABLE CP

R/RBD	.0000	.4500	.6350	.8+00	.8950	.9460	1.0000
PHI							
.000	-.0704		-.0697	.0691	-.0735	-.0974	-.0492
45.000				-.1031			
90.000			-.0732	-.0957	-.1079	-.1098	.0885
135.000				-.1354	-.1196	-.0472	
180.000							.3297
180.000			-.1033	-.1199	-.1129	-.1366	
180.000							.0670
180.000							.2254
180.000				-.1496			
270.000		-.0748	-.0757	-.0483			.1558
315.000				-.0937	-.1175	-.1262	-.0252

ALPHA (2) = .223 BETA (3) = 3.952 MACH = 2.0003 RN/L = 3.5396 Q(PSF) = 779.17 P = 278.20

SECTION (1 ET BASE DEPENDENT VARIABLE CP

R/RBD	.0000	.4500	.6350	.8+00	.8950	.9460	1.0000
PHI							
.000	-.0678		-.0756	-.0730	-.0739	-.1018	-.0468
45.000				-.0939			
90.000			-.0775	-.0876	-.1049	-.1203	.0188
135.000				-.1018	-.1171	-.1321	
180.000							.1272
180.000			-.0931	-.1126	-.1219	-.1173	
180.000							.0607
180.000							.3809
180.000				-.0839			
270.000		-.0777	-.0800	-.0500			.1661
315.000				-.0877	-.1210	-.1145	.0089

ALPHA (3) = -.276 BETA (1) = -.117 MACH = 2.0003 RN/L = 3.5481 Q(PSF) = 779.93 P = 278.47

SECTION (1 ET BASE DEPENDENT VARIABLE CP

R/RBD	.0000	.4500	.6350	.8+00	.8950	.9460	1.0000
PHI							
.000	-.0773		-.0836	-.0731	-.0783	-.1029	-.0336
45.000				-.1069			
90.000			-.0890	-.0991	-.1325	-.1305	.0095
135.000				-.1046	-.0952	-.0186	
180.000							.4156
180.000			-.0945	-.0956	-.0910	-.1064	
180.000							.1175

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

TABULATED SOURCE DATA - IA82B

AR08T-0++IA82 OTS!SRB=NOM MPS=NOM) ET-BASE-- (RE6H52)

ALPHA = [illegible] BETA [illegible] = -.117

DEPENDENT VARIABLE CP

R-SQ	.0000	+000	.6350	.8400	.8950	.9460	1.0000
PWT						
213.000						.2410
235.000				-.1093		
[illegible]		-.0773	-.0797	-.0884		.0934
315.000				-.0690	-.0929	-.1105	-.0382

AR097-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H53) (14 MAR 75)

REFERENCE DATA

SREF = 2830.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.463 BETA (1) = -.107 MACH = 2.2000 RN/L = 3.4439 Q(PSF) = 688.88 P = 203.33

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1685		-.2110	-.2190	-.2242	-.2090	-.0445
45.000				-.2094			
90.000			-.2089	-.2118	-.2148	-.2103	.1231
135.000				-.2213	-.1848	-.0871	
141.000							.2844
180.000			-.2141	-.2198	-.2201	-.1710	
186.000							.0600
219.000							.2369
225.000				-.2034			
270.000		-.1966	-.2040	-.1249			.1969
315.000				-.1673	-.2078	-.2113	.0009

ALPHA (2) = .511 BETA (1) = -4.030 MACH = 2.2000 RN/L = 3.4270 Q(PSF) = 687.31 P = 202.87

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1841		-.1929	-.1896	-.1868	-.1944	-.0744
45.000				-.1989			
90.000			-.2135	-.2230	-.2241	-.2237	.1548
135.000				-.2051	-.1536	-.0085	
141.000							.4383
180.000			-.2038	-.2038	-.1981	-.1853	
186.000							.0260
219.000							.0795
225.000				-.1927			
270.000		-.1827	-.1913	-.1134			.0941
315.000				-.1643	-.2068	-.2064	-.0518

AR287-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6453)

ALPHA = [illegible] BETA (3) = -.116 MACH = 2.2000 RN/L = 3.4270 Q(PSF) = 697.31 P = 202.87

SECTION 1 ET BASE DEPENDENT VARIABLE CP

	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
[illegible]	-.1856		-.1986	-.2030	-.1975	-.2160	-.0618
[illegible]				-.1920			
[illegible]			-.2065	-.2048	-.2074	-.2104	.1302
[illegible]				-.2160	-.1519	-.0607	
[illegible]							.3373
[illegible]			-.2143	-.2176	-.2154	-.1702	
[illegible]							.0692
[illegible]							.2094
[illegible]				-.1916			
[illegible]		-.1977	-.1953	-.1162			.1726
[illegible]				-.1587	-.2024	-.2074	-.0171

ALPHA (2 = .511 BETA (3) = 3.955 MACH = 2.2000 RN/L = 3.4270 Q(PSF) = 687.31 P = 202.87

SECTION 1 ET BASE DEPENDENT VARIABLE CP

	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
[illegible]							
[illegible]	-.1869		-.1934	-.1903	-.1835	-.1905	-.0724
[illegible]				-.2022			
[illegible]			-.1997	-.1950	-.1932	-.1940	.0217
[illegible]				-.1870	-.1897	-.1897	
[illegible]							.1777
[illegible]			-.1991	- 2165	-.2196	-.2192	
[illegible]							.1086
[illegible]							.4039
[illegible]				-.2041			
[illegible]		-.1915	-.1997	-.1196			.1695
[illegible]				-.1557	-.1961	-.2093	.0168

ALPHA (3 = [illegible] BETA (11 = -.110 MACH = 2.2000 RN/L = 3.4163 Q(PSF) = 697.99 P = 203.07

SECTION 1 ET BASE DEPENDENT VARIABLE CP

	.0000	.4500	.6350	.8400	.8950	9460	1.0000
PHI							
[illegible]	- 1977		-.1935	-.1922	-.1871	-.2089	-.0484
[illegible]				-.1948			
[illegible]			-.1948	-.1885	-.1863	-.1889	0465
[illegible]				-.1935	-.1319	-.0323	
[illegible]							.3774
[illegible]			-.2143	-.2182	-.1966	-.1704	
[illegible]							.0998

AR097-0441A82 OTS(SPB=OFF MPS=OFF) ET-BASE-- (RE6453)

ALPHA ( ) = -.557 BETA ( ) = -.110

SECTION ( ) NET BASE DEPENDENT VARIABLE CP

R BAR	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2170
225.000				-.1780			
270.000		-.1782	-.1830	-.1107			.1194
315.000				-.1632	-.2075	-.2091	-.0234

AP097-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H54) (14 MAR 75)

REFERENCE DATA

[illegible] SQ.FT. XMRP = 976.0000 IN. XT
[illegible] IN. YMRP = .0000 IN. YT
[illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.510 BETA (1) = -.104 MACH = 2.2000 RN/L = 3.3955 Q(PSF) = 690.23 P = 203.73

SECTION (1)ET BASE DEPENDENT VARIABLE CP

PHI	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
[illegible]							
[illegible]	-.0578		-.0664	-.0731	-.0803	-.1009	-.0345
+5.000				-.0735			
[illegible]			-.0842	-.1043	-.1054	-.1027	.1157
[illegible]				-.0582	-.0544	-.0127	
141.000							.2811
180.000			-.0596	-.0526	-.0444	-.0487	
186.000							.0620
219.000							.2379
[illegible]				-.0961			
270.000		-.0654	-.0670	-.0436			.1968
315.000				-.0594	-.0694	-.0774	-.0013

ALPHA (2) = .451 BETA (1) = -4.030 MACH = 2.2000 RN/L = 3.3664 Q(PSF) = 688.36 P = 203.18

SECTION (1)ET BASE DEPENDENT VARIABLE CP

PHI	.0000	.4500	.6350	8400	.8950	.9460	1.0000
[illegible]							
[illegible]	-.0584		-.0665	-.0693	-.0698	-.0764	-.0655
+5.000				-.0761			
[illegible]			-.1053	-.1149	-.1102	-.1102	.1443
[illegible]				-.0952	-.0733	.0135	
[illegible]							.4307
180.000			-.0778	-.0771	-.0731	-.0756	
186.000							.0263
219.000							.0789
[illegible]				-.0917			
270.000		-.0544	-.0634	-.0399			.0959
315.000				-.0597	-.0733	-.0785	-.0524

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H54)

ALPHA (2) = .447 BETA (2) = -.113 MACH = 2.2000 RN/L = 3.3664 Q(PSF) = 688.36 P = 203.18

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0529		-.0564	-.0552	-.0551	-.0658	-.0516
45.000				-.0611			
90.000			-.0589	-.0895	-.0903	-.0805	.1213
135.000				-.0755	-.0658	-.0065	
141.000							.3356
180.000			-.0661	-.0665	-.0549	-.0592	
186.000							.0723
219.000							.2122
225.000				-.0718			
270.000		-.0552	-.0473	-.0361			.1734
315.000				-.0436	-.0528	-.0613	-.0144

ALPHA (2) = .431 BETA (3) = 3.952 MACH = 2.2000 RN/L = 3.3664 Q(PSF) = 688.36 P = 203.18

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0404		-.0466	-.0462	-.0435	-.0517	-.0645
45.000				-.0544			
90.000			-.0515	-.0563	-.0682	-.0979	.0095
135.000				-.0573	-.0508	-.0814	
141.000							.1698
180.000			-.0526	-.0828	-.0824	-.0896	
186.000							.1036
219.000							.3956
225.000				-.0694			
270.000		-.0495	-.0559	-.0105			.1947
315.000				-.0393	-.0567	-.0686	.0155

ALPHA (3) = 4.427 BETA (1) = -.107 MACH = 2.2000 RN/L = 3.3478 Q(PSF) = 687.31 P = 202.87

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0494		-.0413	-.0399	-.0389	-.0523	-.0414
45.000				-.0584			
90.000			-.0452	-.0570	-.0835	-.0841	.0389
135.000				-.1169	-.0874	-.0005	
141.000							.3790
180.000			-.0696	-.1040	-.0981	-.1086	
186.000							.1007

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H54)

ALPHA ( ) = -.427 BETA ( ) = -.107

ET BASE

DEPENDENT VARIABLE CP

	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
							.2166
				-.0943			
		-.0452	-.0471	-.0059			.1218
				-.0368	-.0688	-.0861	-.0253

ARC37-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H55) (14 MAR 75)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
RMRP = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

ALPHA (1) = -4.038 BETA (1) = -.165 MACH = 1.5557 RN/L = 4.1597 Q(PSF) = 926.59 P = 548.96

SECTION (1 ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2637		-.2804	-.3002	-.3143	-.3428	-.0673
45.000				-.3023			
90.000			-.2923	-.3040	-.3363	-.3594	-.0345
135.000				-.3592	-.3178	-.2483	
180.000			-.3182	-.3186	-.3060	-.3509	.2762
225.000							-.0541
270.000							.0537
315.000				-.3123			
		-.2846	-.2937	-.3017			.0710
				-.2698	-.2973	-.3261	-.1075

ALPHA (2) = .015 BETA (1) = -4.082 MACH = 1.5557 RN/L = 4.1620 Q(PSF) = 923.08 P = 544.88

SECTION (1 ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2817		-.2898	-.3103	-.3115	-.3223	-.0428
45.000				-.3057			
90.000			-.2943	-.3444	-.3750	-.4191	-.1345
135.000				-.3593	-.2747	-.1419	
180.000			-.3116	-.3248	-.3178	-.3370	.5031
225.000							-.0608
270.000							.0263
315.000				-.2854			
		-.2634	-.2841	-.2693			-.0687
				-.2566	-.2845	-.3099	-.1281

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H55)

ALPHA (2) = .018 BETA (2) = -.147 MACH = 1.5557 RN/L = 4.1620 Q(PSF) = 923.08 P = 544.88

SECTION (1)ET BASE DEPENDENT VARIABLE CP

P/PCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2530		-.2662	-.2821	-.2999	-.3336	-.0576
45.000				-.2734			
90.000			-.2825	-.3057	-.3411	-.3766	-.1020
135.000				-.3305	-.2919	-.2251	
141.000							.3347
180.000			-.2941	-.3035	-.3020	-.3432	
186.000							.0200
219.000							.1390
225.000				-.2745			
270.000		-.2757	-.2813	-.2736			-.0136
315.000				-.2810	-.3147	-.3440	-.0904

ALPHA (2) = -.012 BETA (3) = 3.900 MACH = 1.5557 RN/L = 4.1620 Q(PSF) = 923.08 P = 544.88

SECTION (1)ET BASE DEPENDENT VARIABLE CP

P/PCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2597		-.2853	-.2945	-.3006	-.3117	-.0309
45.000				-.2938			
90.000			-.2815	-.2928	-.3191	-.3439	-.1258
135.000				-.2767	-.2761	-.2972	
141.000							.0365
180.000			-.2824	-.3361	-.3513	-.3819	
186.000							-.0649
219.000							.3615
225.000				-.2842			
270.000		-.2854	-.2884	-.2773			-.0501
315.000				-.2831	-.3217	-.3421	-.0579

ALPHA (3) = 4.065 BETA (1) = -.165 MACH = 1.5557 RN/L = 4.1965 Q(PSF) = 923.88 P = 545.36

SECTION (1)ET BASE DEPENDENT VARIABLE CP

P/PCO	.0000	.4500	.6350	.8400	.9950	.9460	1.0000
PHI							
.000	-.2407		-.2530	-.2716	-.2919	-.3252	-.0453
45.000				-.2862			
90.000			-.2624	-.2846	-.3222	-.3561	-.1776
135.000				-.2629	-.2553	-.2104	
141.000							.4218
180.000			-.2579	-.2526	-.2527	-.2827	
186.000							.0721

ARC97-044(A82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H55)

ALPHA (3) = +.066 BETA (1) = -.165

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2046
225.000				-.2726			
270.000		-.2591	-.2725	-.2590			-.0745
315.000				-.2401	-.2673	-.3054	-.0946

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H56) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

ALPHA (1) = -4.038 BETA (1) = -.159 MACH = 1.5557 RN/L = 4.1002 Q(PSF) = 923.28 P = 545.00

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1718		-.1745	-.1804	-.1931	-.2483	-.0623
45.000				-.2222			
90.000			-.1812	-.1948	-.2313	-.2322	-.0553
135.000				-.2272	-.2206	-.1827	
141.000							.2672
180.000			-.2144	-.1879	-.1820	-.2084	
186.000							-.0490
219.000							.0566
225.000				-.2073			
270.000		-.1812	-.1775	-.1981			.0792
315.000				-.1657	-.1791	-.1894	-.1072

ALPHA (2) = -.076 BETA (1) = -4.088 MACH = 1.5557 RN/L = 4.0941 Q(PSF) = 923.78 P = 545.30

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1733		-.1982	-.2107	-.2176	-.2427	-.0375
45.000				-.2005			
90.000			-.2058	-.2224	-.2606	-.2781	-.1404
135.000				-.2258	-.2089	-.0984	
141.000							.5062
180.000			-.2011	-.2068	-.2093	-.2103	
186.000							-.0757
219.000							.0233
225.000				-.1981			
270.000		-.1755	-.1739	-.1685			-.0566
315.000				-.1622	-.1939	.2015	-.1303

ARC3T-044IA82 OTS(SPB=NOM MPS=NOM) ET-BASE-- (REGH56)

ALPHA = -.048 BETA (2) = -.178 MACH = 1.5557 RN/L = 4.0941 Q(PSF) = 923.78 P = 545.30

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1575		-.1587	-.1602	-.1703	-.2355	-.0498
45.000				-.1843			
90.000			-.1690	-.1791	-.2143	-.2404	-.1135
135.000				-.2107	-.2043	-.1719	
180.000							.3561
225.000			-.1983	-.1973	-.1814	-.2079	
270.000							.0050
315.000							.1251
360.000				-.1837			
3.600 000		-.1701	-.1686	-.1761			-.0001
3.600 000				-.1581	-.1806	-.1979	-.0912

ALPHA (2) = -.102 BETA (3) = 3.900 MACH = 1.5557 RN/L = 4.0941 Q(PSF) = 923.78 P = 545.30

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1605		-.1652	-.1938	-.1989	-.2306	-.0265
45.000				-.2039			
90.000			-.1696	-.1767	-.2053	-.2183	-.1401
135.000				-.1902	-.2029	-.2452	
180.000							.0272
225.000			-.1905	-.2312	-.2681	-.3210	
270.000							-.0733
315.000							.3548
360.000				-.1865			
3.600 000		-.1757	-.1789	-.1756			-.0357
3.600 000				-.1795	-.2132	-.2376	-.0581

ALPHA 3) = 4.048 BETA (1) = -.140 MACH = 1.5557 RN/L = 4.0999 Q(PSF) = 928.39 P = 548.02

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1530		-.1526	-.1593	-.1665	-.2334	-.0395
45.000				-.1941			
90.000			-.1699	-.1814	-.1962	-.2388	-.1779
135.000				-.1672	-.1723	-.1679	
180.000							.4179
225.000			-.1625	-.1591	-.1559	-.1818	
270.000							.0722

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

AR097-04+IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H56)

ALPHA (3) = +.048 BETA (1) = -.140

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R MCH	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2071
225.000				-.1899			
270.000		-.1631	-.1795	-.1805			-.0660
315.000				-.1916	-.1585	-.1748	-.0936

ARC97-044!A82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H57) (14 MAR 75)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.682 BETA (1) = -.096 MACH = 2.0012 RN/L = 3.5624 Q(PSF) = 775.99 P = 276.81

SECTION 1 AT BASE DEPENDENT VARIABLE CP

B/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
.000	-.1902		-.2386	-.2439	-.2466	-.2358	-.0426
45.000				-.2221			
91.000			-.2361	-.2366	-.2409	-.2384	.0990
136.000				-.2509	-.1931	-.1322	
181.000							.2647
227.000			-.2413	-.2455	-.2475	-.2224	
272.000							.0299
317.000							.1982
362.000				-.2243			
408.000		-.2216	-.2270	-.1728			.1840
453.000				-.2020	-.2384	-.2447	-.0222

ALPHA (2) = .278 BETA (1) = -4.040 MACH = 2.0012 RN/L = 3.5687 Q(PSF) = 776.50 P = 276.99

SECTION 1 AT BASE DEPENDENT VARIABLE CP

B/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
.000	-.1832		-.2076	-.2062	-.2043	-.2121	-.0503
45.000				-.2187			
91.000			-.2437	-.2590	-.2598	-.2591	.1020
136.000				-.2461	-.1834	-.0020	
181.000							.4435
227.000			-.2346	-.2379	-.2305	-.2208	
272.000							.0216
317.000							.0807
362.000				-.2071			
408.000		-.2009	-.2100	-.1582			.0653
453.000				-.1949	-.2339	-.2343	-.0576

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H57)

ALPHA (2) = .305 BETA (2) = -.130 MACH = 2.0012 RN/L = 3.5587 Q(PSF) = 776.50 P = 276.99

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1835		-.2135	-.2257	-.2218	-.2355	-.0506
45.000				-.2114			
90.000			-.2320	-.2367	-.2386	-.2381	.0944
135.000				-.2490	-.1690	-.0832	
141.000							.3367
180.000			-.2298	-.2401	-.2310	-.2123	
225.000							.0687
270.000							.2210
315.000				-.2125			
360.000		-.2091	-.2148	-.1631			.1429
315.000				-.1941	-.2299	-.2335	-.0239

ALPHA (2) = .312 BETA (3) = 3.945 MACH = 2.0012 RN/L = 3.5687 Q(PSF) = 776.50 P = 276.99

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1823		-.2058	-.2064	-.2003	-.2067	-.0513
45.000				-.2304			
90.000			-.2067	-.2161	-.2139	-.2130	.0286
135.000				-.2044	-.2114	-.2201	
141.000							.1415
180.000			-.2179	-.2451	-.2491	-.2517	
225.000							.0672
270.000							.3825
315.000				-.2429			
360.000		-.2143	-.2218	-.1722			.1629
315.000				-.1816	-.2152	-.2244	.0114

ALPHA (3) = 4.388 BETA (1) = -.093 MACH = 2.0012 RN/L = 3.5757 Q(PSF) = 777.51 P = 277.35

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1784		-.1858	-.2086	-.2083	-.2284	-.0320
45.000				-.2028			
90.000			-.2049	-.2116	-.2110	-.2119	.0349
135.000				-.2373	-.1555	-.0561	
141.000							.4086
180.000			-.2100	-.2281	-.2193	-.2048	
225.000							.1253

AP097-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H57)

ALPHA = .788 BETA (1) = -.093

SPLITTING VARIABLE DEPENDENT VARIABLE CP

P PRO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
P&I							
P 1 010							.2520
P&I 010				-.1937			
P 1 000		-.1352	-.1984	-.1521			.0850
P 01				-.1941	-.2349	-.2378	-.0293

AR207-044-1A82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (REGH58) (14 MAR 75)

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

ALPHA ( ) = -4.709 BETA ( ) = -.036 MACH = 2.0012 RN/L = 3.5717 Q(PSF) = 776.50 P = 276.99

SECTION FLAP SIDE DEPENDENT VARIABLE CP

	.000	.4500	.6350	.8400	.9350	.9460	1.0000
		-.0902	-.0376	-.1041	-.1298	-.0339
			-.1005			
		-.0950	-.1181	-.1320	-.1184	.0932
			-.0869	-.0814	-.0494	
		-.0871	-.0813	-.0729	-.0840	.2665
						.0304
						.1995
			-.1110			
	-.0915	-.0826	-.0983			.1946
			-.0811	-.0899	-.1016	-.0205

ALPHA ( ) = .258 BETA ( ) = -4.037 MACH = 2.0012 RN/L = 3.5836 Q(PSF) = 779.36 P = 278.01

SECTION ( ) FLAP BASE DEPENDENT VARIABLE CP

	.000	.4500	.6350	.8400	.9350	.9460	1.0000
		-.0973	-.1154	-.1038	-.1047	-.0419
			-.1124			
		-.0909	-.1158	-.1493	-.1488	.0966
			-.0818	-.0978	-.0337	
		-.0854	-.1018	-.1081	-.1023	.4435
						.0148
						.0789
			-.1188			
	-.0884	-.0838	-.0972			.0711
			-.0945	-.0971	-.0945	-.0592

APC97-044(A82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H5B)

ALPHA (2) = .855 BETA (2) = -.130 MACH = 2.0012 RN/L = 3.5836 Q(PSF) = 779.36 P = 278.01

SECTION JET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0703		-.0755	-.0749	-.0792	-.1021	-.0416
45.000				-.1095			
90.000			-.0841	-.1023	-.1183	-.1223	.0906
135.000				-.0922	-.0897	-.0247	
141.000							.3338
180.000			-.0829	-.0943	-.0741	-.0932	
							.0682
							.2203
				.0030			
315.000		-.0783	-.0888	-.0785			.1544
360.000				-.0824	-.0739	-.0932	-.0238

ALPHA (3) = .245 BETA (3) = 3.945 MACH = 2.0012 RN/L = 3.5836 Q(PSF) = 779.36 P = 278.01

SECTION JET BASE DEPENDENT VARIABLE CP

R/BOD	.000	.500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0820		-.0690	-.0663	-.0688	-.0883	-.0423
45.000				-.0887			
90.000			-.0709	-.0831	-.1010	-.1194	.0244
135.000				-.0909	-.1089	.1230	
141.000							.1387
180.000			-.0848	-.1120	-.1126	-.1116	
							.0644
							.3836
315.000				-.0822			
360.000		-.0703	-.0750	-.0803			.1655
				-.0760	-.0945	-.1001	.0109

ALPHA (1) = -.481 BETA (1) = -.093 MACH = 2.0012 RN/L = 3.5777 Q(PSF) = 776.24 P = 276.90

SECTION JET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0686		-.0635	-.0559	-.0686	-.0948	-.0236
45.000				-.0992			
90.000			-.0834	-.0912	-.1254	-.1221	.0168
135.000				-.0905	-.0842	-.0104	
141.000							.4175
180.000			-.0607	-.0833	-.0765	-.0946	
186.000							.1229

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H58)

ALPHA (3) = -.421 BETA (1) = -.093

SECTION : ET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2446
225.000				-.1005			
270.000		-.0693	-.0728	-.0617			.0953
315.000				-.0583	-.0821	-.0968	-.0331

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H59) (14 MAR 75)

REFERENCE DATA

SREF = 2690.3000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.493 BETA (1) = -.086 MACH = 2.1995 RN/L = 3.2869 Q(PSF) = 687.76 P = 203.09

SECTION . IIET BASE DEPENDENT VARIABLE CP

ETA	.0100	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1598		-.2045	-.2121	-.2151	-.2026	-.0365
+5.000				-.2041			
[illegible]			-.2014	-.2051	-.2057	-.2020	.1183
[illegible]				-.2131	-.1750	-.0783	
[illegible]							.2887
[illegible]			-.2084	-.2123	-.2141	-.1637	
[illegible]							.0708
[illegible]							.2442
[illegible]				-.1943			
[illegible]		-.1902	-.1961	-.1191			.2089
315.000				-.1615	-.2016	-.2055	.0105

ALPHA (2) = .478 BETA (1) = -4.030 MACH = 2.1995 RN/L = 3.2966 Q(PSF) = 688.66 P = 203.36

SECTION (1)ET BASE DEPENDENT VARIABLE CP

ETA	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1549		-.1854	-.1842	-.1777	-.1850	-.0641
+5.000				-.1940			
[illegible]			-.2101	-.2187	-.2155	-.2155	.1461
[illegible]				-.1995	-.1419	.0034	
[illegible]							.4458
[illegible]			-.1993	-.1968	-.1865	-.1762	
[illegible]							.0352
[illegible]							.0858
[illegible]				-.1870			
[illegible]		-.1752	-.1854	-.1875			.0958
315.000				-.1668	-.1963	-.1987	-.0433

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H59)

ALPHA (2) = .487 BETA (2) = -.126 MACH = 2.1995 RN/L = 3.2966 Q(PSF) = 688.66 P = 203.36

SECTION (1) ET BASE DEPENDENT VARIABLE CP

R/RO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1566		-.1639	-.1962	-.1896	-.2076	-.0513
45.000				-.1633			
90.000			-.1976	-.2001	-.1990	-.2005	.1274
135.000				-.2001	-.1424	-.0503	
141.000							.3481
180.000			-.2072	-.2121	-.2082	-.1612	
225.000							.0843
270.000							.2192
315.000		-.1734	-.1872	-.1845 -.1112			.1703
315.000				-.1527	-.1939	-.1982	-.0043

ALPHA (2) = .471 BETA (3) = 3.951 MACH = 2.1995 RN/L = 3.2966 Q(PSF) = 688.66 P = 203.36

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1589		-.1856	-.1836	-.1758	-.1840	-.0651
45.000				-.1958			
90.000			-.1819	-.1877	-.1869	-.1871	.0253
135.000				-.1791	-.1820	-.1830	
141.000							.1843
180.000			-.1926	-.2130	-.2157	-.2135	
225.000							.1143
270.000							.4083
315.000				-.1993			
315.000		-.1856	-.1920	-.1175			.1958
				-.1507	-.1908	-.2026	.0273

ALPHA (3) = .613 BETA (1) = -.082 MACH = 2.1995 RN/L = 3.2975 Q(PSF) = 688.66 P = 203.36

SECTION (1) ET BASE DEPENDENT VARIABLE CP

R/RO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1430		-.1640	-.1850	-.1845	-.2005	-.0391
45.000				-.1777			
90.000			-.1770	-.1929	-.1810	-.1819	.0423
135.000				-.1954	-.1271	-.0958	
141.000							.3737
180.000			-.1893	-.2009	-.1931	-.1616	
225.000							.1106

ARC97-044!A82 OTS!SRB=OFF MPS=OFF) ET-BASE-- (RE6H59)

ALPHA (3 = 4.513 BETA (1) = -.082

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2234
225.000				-.1719			
270.000		-.1699	-.1752	-.1074			.1237
315.000				-.1584	-.1980	-.2005	-.0156

AP287-044(1A82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H60) (14 MAR 75)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
CREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.510 BETA (1) = -.089 MACH = 2.1995 RN/L = 3.2867 Q(PSF) = 687.32 P = 202.96

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0495		-.0583	-.0644	-.0703	-.0912	-.0255
45.000				-.0652			
90.000			-.0734	-.0947	-.0959	-.0943	.1175
135.000				-.0487	-.0447	-.0033	
141.000							.2860
180.000			-.0501	-.0419	-.0361	-.0396	
186.000							.0725
219.000							.2438
225.000				-.0853			
270.000		-.0581	-.0581	-.0369			.2155
315.000				-.0492	-.0599	-.0679	.0118

ALPHA (2) = .317 BETA (1) = -4.030 MACH = 2.1995 RN/L = 3.3018 Q(PSF) = 690.16 P = 203.80

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0503		-.0579	-.0605	-.0600	-.0680	-.0537
45.000				-.0670			
90.000			-.0976	-.1068	-.1033	-.1015	.1444
135.000				-.0972	-.0641	.0257	
141.000							.4420
180.000			-.0695	-.0691	-.0653	-.0682	
186.000							.0363
219.000							.0880
225.000				-.0842			
270.000		-.0566	-.0558	-.0349			.0925
315.000				-.0321	-.0002	-.0721	-.0425

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H60)

ALPHA (2) = .463 BETA (2) = -.126 MACH = 2.1995 RN/L = 3.3018 Q(PSF) = 690.16 P = 203.80

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0427		-.0454	-.0439	-.0438	-.0558	-.0395
45.000				-.0513			
90.000			-.0480	-.0794	-.0799	-.0705	.1249
135.000				-.0649	-.0552	.0037	
141.000							.3422
180.000			-.0572	-.0574	-.0467	-.0516	
186.000							.0834
219.000							.2212
225.000				-.0613			
270.000		-.0446	-.0378	-.0324			.1754
315.000				-.0332	-.0436	-.0516	-.0040

ALPHA (2) = .441 BETA (3) = 3.955 MACH = 2.1995 RN/L = 3.3018 Q(PSF) = 690.16 P = 203.80

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0309		-.0362	-.0321	-.0324	-.0391	-.0520
45.000				-.0407			
90.000			-.0431	-.0459	-.0573	-.0919	.0140
135.000				-.0476	-.0526	-.0707	
141.000							.1876
180.000			-.0531	-.0769	-.0799	-.0856	
186.000							.1127
219.000							.4050
225.000				-.0651			
270.000		-.0413	-.0455	-.0039			.2023
315.000				-.0271	-.0436	-.0581	.0264

ALPHA (3) = 4.547 BETA (1) = -.086 MACH = 2.1995 RN/L = 3.3013 Q(PSF) = 688.89 P = 203.42

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0426		-.0347	-.0367	-.0327	-.0507	-.0319
45.000				-.0557			
90.000			-.0367	-.0475	-.0765	-.0844	.0436
135.000				-.1067	-.0795	.0052	
141.000							.3719
180.000			-.0510	-.0918	-.0855	-.0975	
186.000							.1080

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

TABULATED SOURCE DATA - IA82B

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (REGH60)

ALPHA = .3 + 5*T BETA (1) = -.086

SECTION 1 OF 2 DEPENDENT VARIABLE CP

PHI	.0000	.4000	.6350	.8400	.8950	.9460	1.0000
210.000							.2238
205.000				-.0863			
200.000		-.0388	-.0390	-.0845			.1328
195.000				-.0317	-.0632	-.0795	-.0147

ARC87-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H61) (14 MAR 75)

REFERENCE DATA

PARAMETRIC DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

ALPHA (1) = 3.371 BETA (1) = -.153 MACH = 1.5552 RN/L = 4.1888 Q(PSF) = 926.87 P = 547.51

SECTION (1 ET BASE DEPENDENT VARIABLE CP

ETA	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
[illegible]							
[illegible]	-.2570		-.2715	-.2912	-.3087	-.3353	-.0646
45.000				-.2974			
[illegible]			-.2993	-.2981	-.3312	-.3466	-.0397
135.000				-.3575	-.3177	-.2460	
141.000							.2588
180.000			-.3120	-.3154	-.3019	-.3462	
186.000							-.0550
210.000							.0598
225.000				-.3036			
270.000		-.2770	-.2833	-.2946			.0732
315.000				-.2628	-.2908	-.3168	-.1076

ALPHA (21 = -.013 BETA (1) = -4.076 MACH = 1.5552 RN/L = 4.1597 Q(PSF) = 924.38 P = 545.98

SECTION (1 ET BASE DEPENDENT VARIABLE CP

ETA	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
[illegible]							
.000	-.2565		-.2658	-.3065	-.3095	-.3178	-.0420
[illegible]				-.2989			
[illegible]			-.2864	-.3370	-.3688	-.4124	-.1376
[illegible]				-.3533	-.2739	-.1445	
180.000							.5070
[illegible]			-.3050	-.3208	-.3134	-.3303	
[illegible]							-.0655
[illegible]							.0232
[illegible]				-.2802			
[illegible]		-.2576	-.2782	-.2667			-.0691
[illegible]				-.2512	-.2772	-.3013	-.1307

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC3T-044:A82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H61)

ALPHA (2) = -.015 BETA (3) = -2.193 MACH = 1.5552 RN/L = 4.1597 Q(PSF) = 324.38 P = 545.98

SECTION, ET BASE — DEPENDENT VARIABLE CP

RM	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
.000	-.2505		-.2695	-.2885	-.2997	-.3237	-.0569
+5.000				-.2878			
90.000			-.2819	-.3278	-.3654	-.4009	-.1249
135.000				-.3414	-.2784	-.1610	
180.000			-.2959	-.3184	-.3083	-.3185	.4424
225.000							-.0391
270.000							.0453
305.000				-.2716			
310.000		-.2838	-.2806	-.2639			-.0269
315.000				-.2575	-.2854	-.3106	-.1132

ALPHA (2) = .002 BETA (3) = -.168 MACH = 1.5552 RN/L = 4.1597 Q(PSF) = 924.38 P = 545.98

SECTION, ET BASE — DEPENDENT VARIABLE CP

RM	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
.000	-.2452		-.2562	-.2712	-.2915	-.3239	-.0565
+5.000				-.2644			
90.000			-.2743	-.2997	-.3369	-.3690	-.1044
135.000				-.3183	-.2892	-.2187	
180.000			-.2963	-.2980	-.3030	-.3320	.3502
225.000							.0007
270.000							.1239
305.000				-.2712			
310.000		-.2871	-.2732	-.2864			-.0123
315.000				-.2681	-.2979	-.3271	-.0921

ALPHA (2) = -.018 BETA (3) = 1.893 MACH = 1.5552 RN/L = 4.1597 Q(PSF) = 924.38 P = 545.98

SECTION, ET BASE — DEPENDENT VARIABLE CP

RM	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
.000	-.2484		-.2596	-.2776	-.2924	-.3144	-.0548
+5.000				-.2584			
90.000			-.2699	-.2962	-.3213	-.3455	-.1142
135.000				-.3165	-.2954	-.2440	
180.000			-.2973	-.3081	-.3096	-.3639	.2151
225.000							.0964

ARCS7-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6461)

ALPHA (2) = -.008 BETA (4) = 1.893

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2943
225.000				-.2672			
270.000		-.2657	-.2709	-.2677			-.0332
315.000				-.2705	-.3083	-.3363	-.0739

ALPHA (2) = -.015 BETA (5) = 3.903 MACH = 1.5552 RN/L = 4.1597 Q(PSF) = 924.38 P = 545.98

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2526		-.2719	-.2883	-.2948	-.3067	-.0311
45.000				-.2844			
90.000			-.2743	-.2838	-.3140	-.3325	-.1286
135.000				-.2704	-.2697	-.2917	
141.000							.0399
180.000			-.2765	-.3284	-.3470	-.3820	
186.000							-.0659
219.000							.3599
225.000				-.2761			
270.000		-.2774	-.2796	-.2712			-.0493
315.000				-.2770	-.3158	-.3403	-.0582

ALPHA (3) = 4.135 BETA (1) = -.137 MACH = 1.5552 RN/L = 4.1434 Q(PSF) = 924.56 P = 546.09

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2318		-.2447	-.2602	-.2827	-.3140	-.0419
45.000				-.2827			
90.000			-.2523	-.2751	-.3130	-.3427	-.1790
135.000				-.2514	-.2510	-.2079	
141.000							.4142
180.000			-.2447	-.2411	-.2420	-.2732	
186.000							.0729
219.000							.2107
225.000				-.2657			
270.000		-.2497	-.2667	-.2549			-.0844
315.000				-.2321	-.2597	-.2938	-.0980

AP097-044(A82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (REGH62) (14 MAR 75)

REFERENCE DATA

SREF = 1000 SQ.FT. XMRP = 376.0000 IN. XT
LREF = 3.00 IN. YMRP = .0000 IN. YT
BREF = 3.00 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.00

PARAMETRIC DATA

ELV-IB = 8.000 ELV-DB = -4.000
MACH = 1.550 PT = 30.700

ALPHA (1) = -4.011 BETA (1) = -.140 MACH = 1.5552 RN/L = 4.1093 Q(PSF) = 921.55 P = 544.31

SECTION 1 ET BASE DEPENDENT VARIABLE CP

X/BL	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
R/BL							
.0000	-.1088		-.1702	-.1749	-.1882	-.2452	-.0609
.0500				-.2159			
.1000			-.1764	-.1897	-.2277	-.2281	-.0580
.1500				-.2325	-.2220	-.1859	
.2000							.2615
.2500			-.2162	-.1697	-.1928	-.2077	
.3000							-.0474
.3500							.0586
.4000				-.2017			
.4500		-.1773	-.1754	-.1955			.0801
.5000				-.1611	-.1763	-.1835	-.1077

ALPHA (2) = -.075 BETA (1) = -4.073 MACH = 1.5552 RN/L = 4.1216 Q(PSF) = 925.83 P = 546.84

SECTION 1 ET BASE DEPENDENT VARIABLE CP

X/BL	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
R/BL							
.0000	-.1708		-.1932	-.2065	-.2126	-.2409	-.0401
.0500				-.2203			
.1000			-.2044	-.2149	-.2508	-.2702	-.1415
.1500				-.2284	-.2125	-.1022	
.2000							.3046
.2500			-.2049	-.2121	-.2138	-.2140	
.3000							-.0702
.3500							.0220
.4000				-.1970			
.4500		-.1726	-.1724	-.1897			-.0959
.5000				-.1669	-.1897	-.2309	-.1321

[illegible] TABULATED SOURCE DATA - 1A82B

A8C87-044-1A82 C'S(SRB=NOM MPS=NOM) ET-BASE-- (REE-E2)

[illegible] = .375 BETA (B) = 2.130 MACH = 1.6552 RN/L = 4.1216 Q(PSF) = 925.83 P = 546.84

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/RO	.0000	.4600	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1693		-.1669	-.1749	-.1889	-.2361	-.0504
[illegible]				-.1660			
[illegible]			-.1680	-.1883	-.2234	-.2435	-.1273
[illegible]				-.2068	-.2065	-.1152	
[illegible]							.4449
[illegible]			-.2017	-.2076	-.2030	-.2019	
[illegible]							-.0278
[illegible]							.0460
[illegible]				-.1830			
[illegible]		-.1844	-.1661	-.1767			-.0113
[illegible]				-.1635	-.1860	-.2000	-.1135

ALPHA 2 = -.071 BETA (B) = -.188 MACH = 1.6552 RN/L = 4.1216 Q(PSF) = 925.83 P = 546.84

SECTION 2 ET BASE DEPENDENT VARIABLE CP

R/RO	.0000	.4600	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1546		-.1535	-.1555	-.1670	-.2330	-.0515
[illegible]				-.1741			
[illegible]			-.1681	-.1703	-.2019	-.2352	-.1137
[illegible]				-.2375	-.2233	-.1808	
[illegible]							.3517
[illegible]			-.2009	-.1988	-.1895	-.2287	
[illegible]							.0038
[illegible]							.1306
[illegible]				-.1757			
[illegible]		-.1590	-.1676	-.1773			-.0003
[illegible]				-.1887	-.1933	-.1995	-.0939

[illegible] = -.098 BETA (B) = 1.990 MACH = 1.6552 RN/L = 4.1216 Q(PSF) = 925.83 P = 546.84

[illegible] 3 ET BASE DEPENDENT VARIABLE CP

R/RO	.0000	.4600	.6350	.8400	.8950	.9460	1.0000
PHI							
[illegible]	-.1529		-.1659	-.1672	-.1716	-.2208	-.0507
[illegible]				-.1770			
[illegible]			-.1629	-.1691	-.1939	-.2359	-.1220
[illegible]				-.2265	-.2139	-.2029	
[illegible]							.2073
[illegible]			-.1905	-.2025	-.2309	-.2728	
[illegible]							.0946

ABLATED SOURCE DATA - TA929

A4097-044;A82 OTS(SRB=NOM MPS=NOM ET-BASE--

(RES=82)

BETA =

DEPENDENT VARIABLE CP

.9350 .9460 1.0000

.2896

-.0165
-.0787

BETA = MACH = 1.5552 RNYL = 4.1216 Q(PSF) = 925.83 P = 546.84

DEPENDENT VARIABLE CP

.9350 .9460 1.0000

-.1827 -.1926 -.1377 -.2273 -.0263

-.1667 -.1746 -.2014 -.2166 -.1407

-.1839 -.2285 -.2665 -.3187 .0270

-.0729
.3539

-.0362
-.0681

BETA = MACH = 1.5552 RNYL = 4.0850 Q(PSF) = 922.15 P = 544.67

DEPENDENT VARIABLE CP

.9350 .9460 1.0000

-.0403

-.1775

-.0136

.0671
.8050

-.0684

TABULATED PRESSURE DATA - TAPEB

ALT=84+41A60 DTS=SRB=OFF MPS=OFF) ET-BASE-- (REF=63) (14 MAR 75)

VEHICLE DATA

XMRP = 476.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 400.0000 IN. ZT

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

ALPHA = -4.990 BETA (I) = -.092 MACH = 2.0007 RN/L = 3.5740 Q(PSF) = 775.18 P = 276.65

STATION ET BASE DEPENDENT VARIABLE CP

	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
		-.1940		-.2294	-.2381	-.2377	-.2333	-.0404
					-.2145			
				-.2279	-.2279	-.2313	-.2279	.1010
					-.2439	-.1876	-.1272	
								.2685
				-.2344	-.2393	-.2382	-.2190	
								.0322
								.2011
					-.2176			
			-.2143	-.2208	-.1669			.1929
					-.1970	-.2304	-.2341	-.0225

ALPHA 2 = .257 BETA (I) = -4.027 MACH = 2.0007 RN/L = 3.5839 Q(PSF) = 777.15 P = 277.35

STATION ET BASE DEPENDENT VARIABLE CP

	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
		-.1775		-.2026	-.2026	-.2007	-.2072	-.0500
					-.2162			
				-.2404	-.2559	-.2572	-.2577	.1003
					-.2411	-.1838	-.0033	
								.4443
				-.2296	-.2332	-.2260	-.2181	
								.0216
								.0803
					-.2023			
			-.1947	-.2050	-.1540			.0712
					-.1889	-.2277	-.2278	-.0567

ARC3T-044:IA82 OTS:SRB=OFF MPS=OFF) ET-BASE-- (RE6H63)

ALPHA = [illegible] BETA 2) = -2.082 MACH = 2.0007 RN/L = 3.5839 Q(PSF) = 777.15 P = 277.35

[illegible] ET BASE DEPENDENT VARIABLE CP

	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
[illegible]							
[illegible]	-.1775		-.1999	-.2061	-.2022	-.2140	-.0509
[illegible]				-.2095			
[illegible]			-.2341	-.2423	-.2435	-.2426	.0922
[illegible]				-.2408	-.1674	-.0427	
[illegible]							.3854
[illegible]			-.2319	-.2351	-.2237	-.2122	
[illegible]							.0719
[illegible]							.1405
[illegible]				-.2006			
[illegible]		-.1978	-.2055	-.1563			.1376
[illegible]				-.1863	-.2218	-.2223	-.0376

[illegible] = .300 BETA (3) = -.120 MACH = 2.0007 RN/L = 3.5839 Q(PSF) = 777.15 P = 277.35

[illegible] ET BASE DEPENDENT VARIABLE CP

	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
[illegible]							
[illegible]	-.1781		-.2039	-.2169	-.2142	-.2333	-.0482
[illegible]				-.2026			
[illegible]			-.2222	-.2271	-.2295	-.2298	.0952
[illegible]				-.0433	-.1665	-.0811	
[illegible]							.3345
[illegible]			-.2313	-.2332	-.2238	-.2090	
[illegible]							.0700
[illegible]							.2232
[illegible]				-.2039			
[illegible]		-.1990	-.2057	-.1572			.1465
[illegible]				-.1899	-.2249	-.2267	-.0215

[illegible] = 277 BETA (4) = 1.939 MACH = 2.0007 RN/L = 3.5839 Q(PSF) = 777.15 P = 277.35

[illegible] ET BASE DEPENDENT VARIABLE CP

	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
[illegible]							
[illegible]	-.1733		-.2010	-.2087	-.2075	-.2202	-.0538
[illegible]				-.2135			
[illegible]			-.2187	-.2249	-.2284	-.2055	.0762
[illegible]				-.2335	-.1698	-.1227	
[illegible]							.2139
[illegible]			-.2132	-.2511	-.2540	-.2387	
[illegible]							.1426

[illegible] SOURCE DATA - 1A82B

[illegible] MPS=OFF) ET-BASE-- (RE6=63)

[illegible] BETA [illegible] = 1.038

DEPENDENT VARIABLE CP

	.6350	.8+00	.8950	.9460	1.0000
					.3382
		-.2139			
	-.1992 -.2079	-.1584			.1713
		-.1958	-.2211	-.2248	-.0031

[illegible] BETA (5) = 3.951 MACH = 2.0007 RN/L = 3.5839 Q(PSF) = 777.15 P = 277.35

ET BASE DEPENDENT VARIABLE CP

.4500	.6350	.8+00	.8950	.9460	1.0000
-.1755	-.1969	-.1981	-.1929	-.1925	-.0488
		-.2216			
	-.1997	-.2077	-.2056	-.2040	.0319
		-.1958	-.2016	-.2127	
					.1371
	-.2106	-.2408	-.2443	-.2467	
					.0694
					.3843
		-.2370			
-.2004	-.2126	-.1651			.1659
		-.1745	-.2074	-.2145	.0135

[illegible] = +.+50 BETA [illegible] = -.095 MACH = 2.0007 RN/L = 3.5799 Q(PSF) = 777.20 P = 277.37

[illegible] ET BASE DEPENDENT VARIABLE CP

.4500	.6350	.8+00	.8950	.9460	1.0000
-.1[illegible]	-.1782	-.2013	-.2016	-.2184	-.0309
		-.1347			
	-.1990	-.2051	-.2034	-.2050	.0353
		-.2329	-.1605	-.0543	
					.4102
	-.2010	-.2207	-.2099	-.1998	
					.1245
					.2534
		-.1883			
-.1880	-.1905	-.1462			.0821
		-.1877	-.2274	-.2281	-.0303

(REG-54) (14 MAR 75)

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

ALPHA (I) = -3.718 BETA (I) = -.095 MACH = 2.0007 RN/L = 3.5855 Q(PSF) = 778.72 P = 277.91

DEPENDENT VARIABLE CP

		.0100	.4500	.6350	.8400	.8950	.9460	1.0000
				-.0908	-.0988	-.1045	-.1291	-.0336
					-.1029			
				-.1036	-.1146	-.1224	-.1473	.1006
					-.0956	-.0918	-.0607	
								.2607
				-.0965	-.0907	-.0713	-.0818	
								.0320
								.2016
					-.1094			
			-.0892	-.0897	-.0868			.1990
					-.0783	-.0874	-.0991	-.0218

ALPHA (I) = .844 BETA (I) = -4.027 MACH = 2.0007 RN/L = 3.5886 Q(PSF) = 778.87 P = 277.96

DEPENDENT VARIABLE CP

		.0100	.4500	.6350	.8400	.8950	.9460	1.0000
				-.0848	-.1005	-.1065	-.1210	-.0417
					-.1013			
				-.1119	-.1287	-.1416	-.1788	.0987
					-.1031	-.0918	.0180	
								.4463
				-.0995	-.1083	-.1004	-.1340	
								.0160
								.0803
					-.1155			
			-.0834	-.0810	-.0966			.0727
					-.0926	-.0958	-.0933	-.0559

MACH = 2.0007 RN/L = 3.5886 Q(PSF) = 778.87 P = 277.96

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/BOD .0000 .4500 .6350 .8400 .8950 .9460 1.0000

PHI

.000	-.0745	-.0870	-.0852	-.0921	-.1134	-.0447
45.000			-.1045			
90.000		-.1081	-.1211	-.1389	-.1514	.0845
135.000			-.1042	-.1042	-.0003	
141.000						.3844
150.000		-.0884	-.0902	-.0918	-.0685	
165.000						.0702
180.000						.1399
210.000			-.1038			
270.000	-.0800	-.0740	-.0753			.1510
315.000			-.0885	-.0762	-.0872	-.0373

ALPHA (2) = .257 BETA (3) = -.120 MACH = 2.0007 RN/L = 3.5886 Q(PSF) = 778.87 P = 277.96

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/BOD .0000 .4500 .6350 .8400 .8950 .9460 1.0000

PHI

.000	-.0646	-.0684	-.0664	-.0694	-.0928	-.0386
45.000			-.1083			
90.000		-.0708	-.0845	-.1073	-.1076	.0921
135.000			-.1186	-.1071	-.0350	
141.000						.3329
150.000		-.0942	-.1023	-.0932	-.1089	
165.000						.0714
180.000						.2247
210.000			-.0991			
270.000	-.0875	-.0546	-.0700			.1606
315.000			-.0554	-.0670	-.0756	-.0214

ALPHA (2) = .237 BETA (4) = 1.938 MACH = 2.0007 RN/L = 3.5886 Q(PSF) = 778.87 P = 277.96

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/BOD .0000 .4500 .6350 .8400 .8950 .9460 1.0000

PHI

.000	-.0606	-.0629	-.0634	-.0653	-.0933	-.0477
45.000			-.0835			
90.000		-.0642	-.0716	-.0979	-.1008	.0733
135.000			-.1262	-.1218	-.0739	
141.000						.2116
150.000		-.0930	-.1197	-.1395	-.1733	
165.000						.1411

APC87-044!A82 CTS!SPB=NOM MPS=NOM) ET-BASE- - (RE6H64)

[illegible] = 337 BETA (4) = 1.938

[illegible] ET BASE DEPENDENT VARIABLE CP

R [illegible]	.0010	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.3386
225.000				-.1385			
270.000		-.0665	-.0714	.0503			.1762
315.000				-.0544	-.1072	-.1265	-.0036

ALT-A (2) = .230 BETA (5) = 3.951 MACH = 2.0007 RN/L = 3.5886 Q(PSF) = 778.87 P = 277.38

[illegible] ET BASE DEPENDENT VARIABLE CP

R [illegible]	.0010	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
[illegible]000	-.0593		-.0672	-.0643	-.0675	-.0848	-.0408
45.000				-.0934			
90.000			-.0742	-.0810	-.0973	-.1366	.0238
135.000				-.0945	-.0998	-.1200	
141.000							.1308
180.000			-.0830	-.1061	-.1052	-.1060	
195.000							.0640
210.000							.3856
225.000				- 0749			
270.000		-.0700	-.0728	-.0934			.1702
315.000				-.0612	-.0967	-.1119	.0141

ALT-A (3) = 4.430 BETA (1) = -.092 MACH = 2.0007 RN/L = 3.5863 Q(PSF) = 779.48 P = 278.18

[illegible] ET BASE DEPENDENT VARIABLE CP

R [illegible]	.0010	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
[illegible]000	- 0835		- 0566	-.0586	-.0624	-.0902	-.0232
45.000				-.0983			
90.000			-.0701	-.0808	-.1176	-.1179	.0199
135.000				-.1011	-.0932	-.0178	
141.000							.4152
180.000			-.0355	-.0822	-.0883	.1087	
195.000							.1244
210.000							.2508
225.000				-.0773			
270.000		-.0827	-.0701	-.0496			.0951
315.000				-.0459	-.0761	-.0894	-.0306

[illegible] D44:A82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H65) (14 MAR 75)

REFERENCE DATA

[illegible] = 976.0000 IN. XT
[illegible] = .0000 IN. YT
ZMRP = +00.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

ALPHA [illegible] = -3.+32 BETA (II) = -.088 MACH = 2.2005 RN/L = 3.2935 Q(PSF) = 687.31 P = 202.77

SECTION SET BASE DEPENDENT VARIABLE CP

[illegible]	.8400	.8450	.8400	.8950	.9460	1.0000
[illegible]						
[illegible]	[illegible]	-.2000	-.2081	-.2086	-.2008	-.0354
[illegible]			-.2218			
[illegible]		-.1987	-.2100	-.1994	-.1963	.1176
[illegible]			-.2104	-.1738	-.0792	
[illegible]						.2858
[illegible]		-.2022	-.2071	-.3092	-.1629	
[illegible]						.0699
[illegible]						.2430
[illegible]			-.1905			
[illegible]	-.1955	-.1922	-.1169			.2105
[illegible]			-.1276	-.1951	-.2012	.0097

ALPHA [illegible] = .42' BETA (II) = -4.017 MACH = 2.2005 RN/L = 3.2954 Q(PSF) = 687.76 P = 202.91

SECTION ET BASE DEPENDENT VARIABLE CP

[illegible]	.8400	.8350	.8400	.8950	.9460	1.0000
[illegible]						
[illegible]	[illegible]	-.1810	-.1814	-.1762	-.1815	-.0651
[illegible]			-.1932			
[illegible]		-.2055	-.2139	-.2122	-.2099	.1478
[illegible]			-.1929	-.1426	-.0023	
[illegible]						.4381
[illegible]		-.1914	-.1873	-.1790	-.1690	
[illegible]						.0367
[illegible]						.0858
[illegible]			-.1939			
[illegible]	-.1897	-.1833	-.1862			.0940
[illegible]			-.1824	-.1939	-.1895	-.0435

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

TABULATED SOURCE DATA - 1A82B

37-044-1A82 OTS:SRB=OFF MPS=OFF) ET-BASE-- (RE6H65)

ALPHA (2) = .457 BETA (3) = -2.075 MACH = 2.2005 RN/L = 3.2954 Q(PSF) = 687.76 P = 202.91

SECTION 1 NET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1540		-.1769	-.1783	-.1711	-.1789	-.0624
45.000				-.1787			
90.000			-.1983	-.2028	-.1998	-.1993	.1330
135.000				-.2042	-.1699	-.0442	
141.000							.3751
181.000			-.2014	-.2054	-.1905	-.1850	
188.000							.0745
210.000							.1302
270.000				-.1709			
270.100		-.1738	-.1822	-.1102			.1543
315.000				-.1809	-.1891	-.1936	-.0194

ALPHA (21) = .457 BETA (3) = -.110 MACH = 2.2005 RN/L = 3.2954 Q(PSF) = 687.76 P = 202.91

SECTION 1 NET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1586		-.1843	-.1890	-.1852	-.2021	-.0536
45.000				-.1775			
90.000			-.1926	-.1939	-.1955	-.1951	.1271
135.000				-.1981	-.1946	-.0526	
141.000							.3420
181.000			-.2006	-.2037	-.2045	-.1604	
188.000							.0824
210.000							.2196
270.000				-.1787			
270.100		-.1734	-.1812	-.1093			.1743
315.000				-.1785	-.1892	-.1960	-.0053

ALPHA (21) = .473 BETA (3) = 1.945 MACH = 2.2005 RN/L = 3.2954 Q(PSF) = 687.76 P = 202.91

SECTION 1 NET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1618		-.1825	-.1839	-.1799	-.1891	-.0622
45.000				-.1945			
90.000			-.1788	-.1857	-.1824	-.1826	.1016
135.000				-.1980	-.1499	-.0865	
141.000							.2376
180.000			-.1857	-.2139	-.2149	-.1785	
188.000							.1478

(RE6H65)

ALPHA = 3 +73 BETA = [illegible]

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
270.000							.3134
315.000			-.1919				
0.000		-.1783	-.1798	-.1090			.2102
315.000				-.1466	-.1859	-.1912	.0104

ALPHA = 3 = .487 BETA = 5 = 3.959 MACH = 2.2005 RN/L = 3.2954 Q(PSF) = 687.76 P = 202.91

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1826		-.1782	-.1776	-.1701	-.1763	-.0650
45.000				-.1898			
90.000			-.1749	-.1885	-.1799	-.1789	.0219
135.000				-.1735	-.1750	-.1785	
141.000							.1867
180.000			-.1863	-.2111	-.2131	-.2092	
225.000							.1128
270.000							.4010
315.000				-.1969			
0.000		-.1795	-.1849	-.1131			.1940
315.000				-.1460	-.1840	-.1953	.0252

ALPHA = 3 = -.603 BETA = 1 = -.085 MACH = 2.2005 RN/L = 3.2932 Q(PSF) = 687.76 P = 202.91

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1854		-.1589	-.1784	-.1748	-.1916	-.0382
45.000				-.1722			
90.000			-.1733	-.1780	-.1740	-.1756	.0475
135.000				-.1943	-.1210	-.0259	
141.000							.3690
180.000			-.1829	-.1964	-.1853	-.1601	
225.000							.1065
270.000							.2195
315.000				-.1671			
0.000		-.1649	-.1692	-.1010			.1274
315.000				-.1533	-.1947	-.1945	-.0172

:8097-044!A82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H66) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ FT. XMRP = 975.0000 IN. XT
LREF = 990.3000 IN. YMRP = .0000 IN. YT
BMLP = 1390.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

ALPHA (I) = -3.507 BETA (I) = -.085 MACH = 2.2005 RN/L = 3.3103 Q(PSF) = 689.33 P = 203.37

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0488		-.0557	-.0624	-.0671	-.0902	-.0276
45.000				-.0641			
90.000			-.0708	-.0928	-.0941	-.0926	.1173
135.000				-.0494	-.0452	-.0045	
141.000							.2808
180.000			-.0508	-.0424	-.0358	-.0397	
185.000							.0703
219.000							.2414
225.000				-.0814			
270.000		-.0559	-.0565	-.0378			.2150
315.000				-.0487	-.0577	-.0671	.0071

A PHA (2) = .417 BETA (I) = -4.017 MACH = 2.2005 RN/L = 3.3009 Q(PSF) = 689.64 P = 203.46

SECTION (1 ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0514		-.0595	-.0607	-.0589	-.0569	-.0569
+5.000				-.0573			
90.000			-.0990	-.1062	-.1023	-.1009	.1452
135.000				-.0864	-.0653	.0193	
+1.000							.4357
90.000			-.0734	-.0699	-.0679	-.0714	
145.000							.0346
219.000							.0856
225.000				-.0827			
270.000		-.0563	-.0567	-.0353			.0809
315.000				-.0515	-.0653	-.0705	-.0442

[illegible] TABULATED CE DATA - IA828

[illegible]IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- [illegible]

ALPHA = [illegible] BETA (2) = -2.078 MACH = 2.2005 RN/L = 3.3009 Q(PSF) = 689.64 P = 203.46

[illegible] ET BASE DEPENDENT VARIABLE CP

R [illegible]	[illegible]	.4500	.6350	.8400	.8950	.9460	1.0000
[illegible]							
[illegible]	- .0518		-.0604	-.0614	-.0641	-.0767	-.0519
[illegible]				-.0581			
[illegible]			-.0387	-.1044	-.1032	-.1032	.1300
[illegible]				-.0753	-.0804	-.0132	
[illegible]							.3740
[illegible]			-.0614	-.0730	-.0618	-.0602	
[illegible]							.0735
[illegible]							.1318
[illegible]				-.0793			
[illegible]		- .0401	-.0510	-.0808			.1524
[illegible]				-.0474	-.0584	-.0655	-.0189

ALPHA = [illegible] .480 BETA (3) = -.110 MACH = 2.2005 RN/L = 3.3009 Q(PSF) = 689.64 P = 203.46

[illegible] ET BASE DEPENDENT VARIABLE CP

R [illegible]	[illegible]	.4500	6350	.8400	.8950	.9460	1.0000
[illegible]							
[illegible]	- .0414		-.0447	-.0424	-.0411	-.0533	-.0443
[illegible]				-.0477			
[illegible]			- .0471	-.0732	-.0743	-.0658	.1236
[illegible]				-.0663	-.0564	-.0005	
[illegible]							.3362
[illegible]			-.0516	-.0693	-.0482	-.0556	
[illegible]							.0820
[illegible]							.2223
[illegible]				-.0602			
[illegible]		-.0434	- .0377	-.0289			.1800
[illegible]				-.0307	-.0435	-.0517	-.0044

A [illegible] = [illegible] BETA = [illegible] = 1.945 MACH = 2.2005 RN/L = 3.3009 Q(PSF) = 689.64 P = 203.46

[illegible] ET BASE DEPENDENT VARIABLE CP

R [illegible]	[illegible]	.4500	.6350	.8400	.8950	.9460	1.0000
[illegible]							
[illegible]	- .0388		-.0404	-.0398	-.0399	-.0474	-.0517
[illegible]				-.0735			
[illegible]			-.0482	-.0549	-.0599	-.0644	.0973
[illegible]				-.0832	-.0840	-.0355	
[illegible]							.2387
[illegible]			- .0689	- .0857	-.1024	-.1077	
[illegible]							.1472

...ET-BASE-- (RE6H66)

ALPHA = .33 BETA (DEL) = 1.945

SECTION SET BASE DEPENDENT VARIABLE CP

R.ROO .0000 .4500 .6350 .8+00 .8950 .9+60 1.0000

BH
2[0.000 .3121
[25.000 -.0379
[50.000 -.038+ -.0+00 -.0858 .2175
[75.00 -.0363 -.0458 -.0532 .0101

ALPHA = .33 BETA (DEL) = 3.955 MACH = 2.2005 RN/L = 3.3009 Q(PSF) = 699.64 P = 203.46

SECTION SET BASE DEPENDENT VARIABLE CP

R.ROO .0000 .4500 .6350 .8+00 .8950 .9+60 1.0000

BH
.000 -.0385 -.0373 -.0344 -.0316 -.0394 -.0545
+0.000 -.0+13
[0.000 -.0+4C -.0+42 -.0565 -.0804 .0125
[25.000 -.0+4+ -.0+90 -.0684
[41.000 .1961
[50.000 -.0513 -.0742 -.0768 -.0982
[75.000 .1108
[95.000 .3990
[100.00 -.0686
[100.00 -.0+80 -.0+73 -.0118 .2016
[100.00 -.0363 -.0+69 -.0606 .0253

ALPHA = .94 BETA (DEL) = -.085 MACH = 2.2005 RN/L = 3.2852 Q(PSF) = 687.76 P = 202.91

SECTION SET BASE DEPENDENT VARIABLE CP

R.ROO .0000 .4500 .6350 .8+00 .8950 .9+60 1.0000

BH
[0.000 -.0+00 -.0340 -.0780 -.0396 -.0439 -.0292
+5.000 -.0+83
[0.000 -.0354 -.0+02 -.0770 -.0776 .0449
[25.000 -.0783 -.0789 .0042
[41.000 .3674
[50.000 -.0577 -.0944 -.0849 -.1031
[75.000 .1080
[95.000 .2226
[100.00 -.0662
[100.00 -.0379 -.038. -.0858 .1336
[100.00 -.0316 -.0823 -.0791 -.0157

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

ALPHA 1 = -3.995 BETA (1) = -.180 MACH = 1.5557 RN/L = 4.2353 Q(PSF) = 925.08 P = 546.07

SECTION (1 ET BASE DEPENDENT VARIABLE CP

A.800		.4500	.8350	.8400	.8950	.9460	1.0000
.000	- 8980		-.3878	-.3985	-.3053	-.3333	-.0639
				-.3488			
			-.3881	-.2903	-.3277	-.3441	-.0367
				-.3549	-.3185	-.2436	
							.2736
			-.3071	-.3109	-.2987	-.3449	
							-.0552
							.0812
				-.3003			
		-.2780	-.2818	-.2883			.0767
				-.2600	-.2884	-.3150	-.1072

ALPHA B1 = -.015 BETA (1) = -4.079 MACH = 1.5557 RN/L = 4.2156 Q(PSF) = 925.08 P = 546.07

SECTION (1 ET BASE DEPENDENT VARIABLE CP

B.800		.4500	.8350	.8400	.8950	.9460	1.0000
.000	- 8498		- 3779	-.3887	-.3039	-.3112	-.0401
				-.3816			
			-.3781	-.3941	-.3699	-.4077	-.1340
				-.3446	-.3695	-.1402	
							.5105
			-.2987	-.3130	-.3076	-.3221	
							-.0644
							.0262
				-.2714			
		-.2804	-.2726	-.2667			-.0683
				-.2448	-.2712	-.2935	-.1290

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

DATE [illegible] TABULATED FORCE DATA - TA828

AR03T-0++TA83 CTS.SRB=OFF MPS=OFF ET-BASE-- PEG-57

ALPHA [illegible] BETA E = -.71 MACH = 1.6567 PVL = 4.2156 Q(PSF) = 925.09 P = 546.07

SECTION [illegible]	DEPENDENT VARIABLE CP					
R POD	.0000	+010 .8350	.8+00 .8350	.9+60	1.0000	
PHI						
000	- 2+02	-.2511	-.2850	-.2835	-.3183	-.0545
+5 000			-.2+87			
30.000		- 2892	-.2+19	-.3367	-.3819	-.1012
135 000			-.3117	- 0870	-.2118	
141						.3583
150 000		-.2814	-.2891	-.2+84	- 32++	
180 000						.0033
210 000						.1330
225.000			-.2664			
270 000	-.2603	-.2682	-.2560			-.0092
315 000			-.2624	-.2285	-.3191	-.0910

ALPHA (2) = -.015 BETA (3) = 3.900 MACH = 1.6557 PVL = 4.2156 Q(PSF) = 925.09 P = 546.07

SECTION ( )ET BASE	DEPENDENT VARIABLE CP					
R POD	.0000	.4500 .8350	.8+00 .8350	.9+60	1.0000	
PHI						
000	- 2+96	-.2704	-.28+7	-.2905	-.3049	-.0302
+5 00			-.2721			
30 00			-.2702	-.2962	-.3037	-.3261	-.1254
135 000				-.2823	-.2847	-.2875	
141 000							.0383
150 000			-.2722	-.2833	-.2+11	-.3783	
180 000							-.0648
210 000							.3590
225 000			-.2710				
270 000		- 27 8	-.2740	- 3616			-.0493
315 000				- 2741	-.3108	-.3383	-.0581

ALPHA [illegible] BETA [illegible] - 1++ MACH = 1.6557 PVL = 4.2014 Q(PSF) = 925.33 P = 546.24

SECTION [illegible] ET BA	DEPENDENT VARIABLE CP					
R POD	1000	+000 .8350	8+00	9360	.9+60	1.0000
[illegible]						
000	1+87	- 2+19	-.2872	-.2+	- 3 09	- 0+04
+5 000			- 2+21			
30 000		- 2+1	- 2+1+	- 2+26	- 2778	-.1773
35 000			-.2+75	- 2+2	- 2+2	
141 000						4161
150 000		-.2+41	[illegible]	- 28	- 2+72	
180 000						.0758

ARC97-044') OTS(678=OFF MPS=OFF) ET-BASE-- (RESH67)

ALPHA (3) = .128 BETA (1) = -.144

SECTION ( ) DET BASE DEF EN ABLE CP

R/ROD	.0000	.4500	.6350	.8400		1.0000
PHI						
219.000						.2106
225.000			-.2614			
270.000		-.2461	-.2616	-.2466		-.0749
315.000				-.2275	372	-.0951

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H68) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

ALPHA (1) = -4.038 BETA (1) = -.144 MACH = 1.5557 RN/L = 4.1551 Q(PSF) = 922.98 P = 544.82

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1669		-.1672	-.1724	-.1364	-.2444	-.0617
45.000				-.2141			
90.000			-.1722	-.1866	-.2260	-.2263	-.0571
135.000				-.2360	-.2225	-.1859	
141.000							.2665
180.000			-.2177	-.1891	-.1821	-.2063	
186.000							-.0468
219.000							.0570
225.000				-.1995			
270.000		-.1741	-.1721	-.1919			.0809
315.000				-.1603	-.1730	-.1830	-.1080

ALPHA (2) = -.076 BETA (1) = -4.079 MACH = 1.5557 RN/L = 4.1526 Q(PSF) = 925.09 P = 546.06

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1643		-.1872	-.1989	-.2067	-.2329	-.0365
45.000				-.1946			
90.000			-.1978	-.2016	-.2398	-.2587	-.1377
135.000				-.2229	-.2092	-.0968	
141.000							.5012
180.000			-.2031	-.2092	-.2118	-.2111	
186.000							-.0745
219.000							.0237
225.000				-.1902			
270.000		-.1662	-.1671	-.1629			-.0519
315.000				-.1615	-.1857	-.1949	-.1311

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H68)

ALPHA (2) = -.075 BETA (2) = -.171 MACH = 1.5557 RN/L = 4.1526 Q(PSF) = 925.09 P = 546.06

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1516		-.1515	-.1524	-.1653	-.2321	-.0513
45.000				-.1697			
90.000			-.1645	-.1677	-.2029	-.2342	-.1125
135.000				-.2301	-.2280	-.1854	
141.000							.3518
180.000			-.1958	-.1905	-.1907	-.2257	
186.000							.0048
219.000							.1252
225.000				-.1741			
270.000		-.1615	-.1647	-.1727			-.0026
315.000				-.1575	-.1831	-.1837	-.0918

ALPHA (2) = -.092 BETA (3) = 3.900 MACH = 1.5557 RN/L = 4.1526 Q(PSF) = 925.09 P = 546.08

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1609		-.1814	-.1912	-.1952	-.2255	-.0275
45.000				-.1987			
90.000			-.1644	-.1715	-.1993	-.2128	-.1369
135.000				-.1867	-.1983	-.2423	
141.000							.0271
180.000			-.1899	-.2252	-.2610	-.3160	
186.000							-.0716
219.000							.3546
225.000				-.1823			
270.000		-.1712	-.1742	-.1673			-.0358
315.000				-.1725	-.2093	-.2344	-.0571

ALPHA (3) = 4.008 BETA (1) = -.140 MACH = 1.5557 RN/L = 4.1267 Q(PSF) = 922.38 P = 544.47

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/POD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1507		-.1495	-.1550	-.1625	-.2294	-.0394
45.000				-.1906			
90.000			-.1684	-.1809	-.1990	-.2331	-.1753
135.000				-.1681	-.1709	-.1672	
141.000							.4168
180.000			-.1647	-.1583	-.1535	-.1791	
186.000							.0733

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H68)

ALPHA (3) = 4.008 BETA (1) = -.140

SECTION (ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2062
225.000				-.1856			
270.000		-.1589	-.1754	-.1753			-.0675
315.000				-.1355	-.1518	-.1698	-.0938

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H69) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.680 BETA (1) = -.092 MACH = 2.0007 RN/L = 3.5959 Q(PSF) = 776.95 P = 277.28

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1822		-.2256	-.2363	-.2345	-.2338	-.0416
45.000				-.2135			
90.000			-.2258	-.2243	-.2269	-.2258	.1005
135.000				-.2417	-.1863	-.1267	
141.000							.2677
180.000			-.2325	-.2374	-.2379	-.2157	
186.000							.0327
219.000							.2046
225.000				-.2144			
270.000		-.2124	-.2182	-.1568			.1945
315.000				-.1941	-.2291	-.2315	-.0208

ALPHA (2) = .284 BETA (1) = -4.024 MACH = 2.0007 RN/L = 3.6019 Q(PSF) = 777.63 P = 277.52

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1742		-.1983	-.1983	-.1959	-.2023	-.0499
45.000				-.2129			
90.000			-.2386	-.2525	-.2528	-.2539	.1039
135.000				-.2375	-.1793	-.0030	
141.000							.4459
180.000			-.2261	-.2294	-.2209	-.2158	
186.000							.0201
219.000							.0820
225.000				-.1977			
270.000		-.1918	-.2012	-.1414			.0727
315.000				-.1834	-.2231	-.2253	-.0575

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H69)

ALPHA (2) = .304 BETA (2) = -.123 MACH = 2.0007 RN/L = 3.6019 Q(PSF) = 777.63 P = 277.52

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1717		-.1986	-.2121	-.2114	-.2300	-.0473
45.000				-.1966			
90.000			-.2157	-.2213	-.2250	-.2261	.0987
135.000				-.2402	-.1644	-.0791	
141.000							.3391
180.000			-.2162	-.2282	-.2208	-.2047	
186.000							.0714
219.000							.2292
225.000				-.1987			
270.000		-.1948	-.2000	-.1458			.1478
315.000				-.1872	-.2228	-.2224	-.0209

ALPHA (2) = .284 BETA (3) = 3.948 MACH = 2.0007 RN/L = 3.6019 Q(PSF) = 777.63 P = 277.52

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1709		-.1928	-.1946	-.1902	-.1949	-.0478
45.000				-.2168			
90.000			-.1949	-.2049	-.2029	-.2018	.0318
135.000				-.1928	-.1978	-.2087	
141.000							.1412
180.000			-.2069	-.2419	-.2425	-.2458	
186.000							.0700
219.000							.3830
225.000				-.2354			
270.000		-.2018	-.2085	-.1537			.1655
315.000				-.1725	-.2051	-.2105	.0133

ALPHA (3) = 4.470 BETA (1) = -.092 MACH = 2.0007 RN/L = 3.5962 Q(PSF) = 776.95 P = 277.28

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1591		-.1697	-.1943	-.1975	-.2122	-.0319
45.000				-.1874			
90.000			-.1941	-.1992	-.2003	-.2004	.0333
135.000				-.2282	-.1501	-.0544	
141.000							.4140
180.000			-.1950	-.2143	-.2073	-.1965	
186.000							.1253

ARC97-0441A82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (REGH69)

ALPHA (3) = 4.470 BETA (1) = -.092

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2541
225.000				-.1798			
270.000		-.1802	-.1842	-.1345			.0852
315.000				-.1825	-.2244	-.2255	-.0307

APC97-0441A82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H70) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.723 BETA (1) = -.092 MACH = 2.0007 RN/L = 3.5793 Q(PSF) = 774.42 P = 276.38

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0784		-.0889	-.0971	-.1011	-.1279	-.0336
45.000				-.1235			
90.000			-.0989	-.1118	-.1208	-.1441	.0996
135.000				-.0871	-.0826	-.0500	
141.000							.2591
180.000			-.0855	-.0810	-.0740	-.0833	
186.000							.0327
219.000							.2052
225.000				-.1066			
270.000		-.0882	-.0879	-.0778			.2017
315.000				-.0762	-.0868	-.0968	-.0219

ALPHA (2) = .140 BETA (1) = -4.037 MACH = 2.0007 RN/L = 3.5812 Q(PSF) = 776.45 P = 277.10

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0770		-.0927	-.1001	-.1070	-.1203	-.0425
45.000				-.1009			
90.000			-.1165	-.1397	-.1722	-.1793	.0972
135.000				-.1334	-.0917	.0176	
141.000							.4448
180.000			-.1010	-.1039	-.1014	-.1057	
186.000							.0166
219.000							.0802
225.000				-.1141			
270.000		-.0829	-.0809	-.0713			.0772
315.000				-.0726	-.0863	-.0941	-.0572

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6M70)

ALPHA (2) = .260 BETA (2) = -.129 MACH = 2.0007 RN/L = 3.5812 Q(PSF) = 776.45 P = 277.10

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0635		-.0642	-.0840	-.0670	-.0888	-.0375
45.000				-.1055			
90.000			-.0671	-.0825	-.1040	-.1035	.0968
135.000				-.1241	-.1102	-.0384	
141.000							.3377
180.000			-.0923	-.1040	-.0955	-.1156	
186.000							.0702
219.000							.2269
225.000				-.0874			
270.000		-.0655	-.0627	-.0627			.1572
315.000				-.0531	-.0645	-.0732	-.0222

ALPHA (2) = .244 BETA (3) = 3.945 MACH = 2.0007 RN/L = 3.5812 Q(PSF) = 776.45 P = 277.10

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0601		-.0679	-.0653	-.0698	-.0881	-.0405
45.000				-.0829			
90.000			-.0773	-.0818	-.0984	-.1389	.0264
135.000				-.0829	-.0966	-.1148	
141.000							.1360
180.000			-.0818	-.1076	-.1049	-.1092	
186.000							.0650
219.000							.3871
225.000				-.0762			
270.000		-.0699	-.0735	-.0427			.1711
315.000				-.0617	-.0839	-.0987	.0134

ALPHA (3) = 4.177 BETA (1) = -.120 MACH = 2.0007 RN/L = 3.5741 Q(PSF) = 775.43 P = 276.74

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0625		-.0576	-.0578	-.0621	-.0881	-.0252
45.000				-.0868			
90.000			-.0710	-.0815	-.1204	-.1179	.0217
135.000				-.1046	-.0953	-.0156	
141.000							.4260
180.000			-.0864	-.0971	-.0937	-.1100	
186.000							.1167

AR097-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H70)

ALPHA (2) = +.177 BETA (1) = -.120

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R PCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2383
255.000				-.0761			
270.000		-.0600	-.0683	-.0432			.1087
315.000				-.0521	-.0768	-.0906	-.0304

ARC97-044IA82 OTS(SPB=OFF MPS=OFF) ET-BASE-- (RE6H71) (14 MAR 75)

REFERENCE DATA

SREF = 2090.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.377 BETA (1) = -.101 MACH = 2.2000 RN/L = 3.3596 Q(PSF) = 698.88 P = 203.33

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1493		-.1904	-.2026	-.2007	-.1954	-.0308
45.000				-.1969			
90.000			-.1886	-.1935	-.1913	-.1878	.1256
135.000				-.2047	-.1682	-.0749	
141.000							.2903
180.000			-.1947	-.2006	-.1994	-.1554	
186.000							.0717
219.000							.2443
225.000				-.1857			
270.000		-.1786	-.1849	-.1967			.2176
315.000				-.1495	-.1854	-.1899	.0106

ALPHA (2) = .569 BETA (1) = -4.030 MACH = 2.2000 RN/L = 3.3465 Q(PSF) = 687.69 P = 202.98

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1433		-.1753	-.1745	-.1694	-.1759	-.0607
45.000				-.1841			
90.000			-.2012	-.2077	-.2045	-.2049	.1534
135.000				-.1857	-.1378	.0009	
141.000							.4468
180.000			-.1855	-.1810	-.1747	-.1627	
186.000							.0400
219.000							.0892
225.000				-.1826			
270.000		-.1625	-.1765	-.0962			.1043
315.000				-.1456	-.1847	-.1859	-.0401

AR097-0441482 OTS:SRB=OFF MPS=OFF) ET-BASE-- (RES47:)

ALPHA (2) = .600 BETA (2) = -.110 MACH = 2.2000 RN/L = 3.3465 Q(PSF) = 697.69 P = 202.98

SECTION ( ) NET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1460		-.1760	-.1823	-.1801	-.1948	-.0499
45.000				-.1709			
90.000			-.1844	-.1874	-.1893	-.1883	.1323
135.000				-.1919	-.1387	-.0499	
141.000							.3466
180.000			-.1844	-.2007	-.1998	-.1551	
198.000							.0842
210.000							.2171
225.000				-.1727			
270.000		-.1658	-.1752	-.1001			.1739
315.000				-.1455	-.1848	-.1840	-.0030

ALPHA (3) = .558 BETA (3) = 3.964 MACH = 2.2000 RN/L = 3.3465 Q(PSF) = 697.69 P = 202.98

SECTION ( ) NET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1468		-.1703	-.1693	-.1640	-.1697	-.0631
45.000				-.1819			
90.000			-.1675	-.1742	-.1726	-.1742	.0309
135.000				-.1654	-.1693	-.1725	
141.000							.1904
180.000			-.1797	-.2058	-.2102	-.2059	
198.000							.1170
210.000							.4061
225.000				-.1901			
270.000		-.1717	-.1778	-.1031			.1998
315.000				-.1403	-.1795	-.1899	.0286

ALPHA (3) = .477 BETA (3) = -.107 MACH = 2.2000 RN/L = 3.3368 Q(PSF) = 697.76 P = 203.00

SECTION ( ) NET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1387		-.1487	-.1709	-.1693	-.1831	-.0339
45.000				-.1682			
90.000			-.1642	-.1677	-.1664	-.1670	.0500
135.000				-.1960	-.1145	-.0174	
141.000							.3797
180.000			-.1744	-.1875	-.1776	-.1541	
198.000							.1109

ARC97-044:A82 CTS(SRB=OFF MPS=OFF) ET-BASE-- (REF-71)

ALPHA (31 = 4.477 BETA (1) = -.107

SECTION (INCT BASE DEPENDENT VARIABLE CP

R RCD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2186
225.000				-.1577			
270.000		-.1552	-.1603	-.0898			.1285
315.000				-.1462	-.1884	-.1864	-.0134

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H72) (14 MAR 75)

REFERENCE DATA

SREF = 2030.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1782.3000 IN. YMRP = .0000 IN. YT
BREF = 1230.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.407 BETA (1) = -.101 MACH = 2.2000 RN/L = 3.4015 Q(PSF) = 689.33 P = 203.46

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0485		-.0583	-.0634	-.0704	-.0926	-.0262
45.000				-.0658			
90.000			-.0622	-.0864	-.0959	-.0887	.1224
135.000				-.0581	-.0531	-.0084	
141.000							.2874
180.000			-.0510	-.0471	-.0396	-.0425	
186.000							.0705
219.000							.2419
225.000				-.0942			
270.000		-.0573	-.0583	-.0166			.2170
315.000				-.0867	-.1061	-.1089	.0071

ALPHA (2) = .535 BETA (1) = -4.030 MACH = 2.2000 RN/L = 3.3849 Q(PSF) = 688.43 P = 203.20

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0506		-.0680	-.0735	-.0728	-.0842	-.0543
45.000				-.0726			
90.000			-.0991	-.1097	-.1065	-.1067	.1517
135.000				-.0830	-.0628	.0226	
141.000							.4410
180.000			-.0580	-.0669	-.0643	-.0679	
186.000							.0369
219.000							.0892
225.000				-.1077			
270.000		-.0616	-.0678	-.0271			.0994
315.000				-.0698	-.0910	-.0928	-.0429

APC97-0441A82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (REGH72)

ALPHA (2) = .553 BETA (2) = -.113 MACH = 2.2000 RN/L = 3.3849 Q(PSF) = 688.43 P = 203.20

SECTION (1 ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0377		-.0418	-.0395	-.0405	-.0520	-.0442
45.000				-.0438			
90.000			0428	-.0644	-.0650	-.0601	.1291
135.000				-.0922	-.0654	-.0072	
141.000							.3407
180.000			-.0752	-.0928	-.0732	-.0783	
186.000							.0812
219.000							.2200
225.000				-.1215			
270.000		-.0426	-.0449	-.0033			.1818
315.000				-.0630	-.0875	-.0918	-.0045

ALPHA (2) = .531 BETA (3) = 3.961 MACH = 2.2000 RN/L = 3.3849 Q(PSF) = 688.43 P = 203.20

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0269		-.0365	-.0324	-.0322	-.0390	-.0533
45.000				-.0387			
90.000			-.0436	-.0448	-.0576	-.0940	.0158
135.000				-.0428	-.0486	-.0656	
141.000							.1915
180.000			-.0491	-.0691	-.0693	-.0783	
186.000							.1157
219.000							.4018
225.000				-.0548			
270.000		-.0413	-.0456	.0005			.2031
315.000				-.0277	-.0453	-.0590	.0266

ALPHA (3) = 4.403 BETA (1) = -.104 MACH = 2.2000 RN/L = 3.3664 Q(PSF) = 687.54 P = 202.93

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0372		-.0293	-.0268	-.0271	-.0394	-.0265
45.000				-.0460			
90.000			-.0325	-.0446	-.0708	-.0727	.0497
135.000				-.1082	-.0776	.0097	
141.000							.3800
180.000			-.0550	-.0940	-.0870	-.0992	
186.000							.1094

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H72)

ALPHA (α) = 4.403 BETA (β) = -.104

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2219
225.000				-.0813			
270.000		-.0336	-.0346	-.0001			.1352
315.000				-.0271	-.0530	-.0766	-.0137

ARC97-0441A82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H73) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .006
MACH = 1.550 PT = 30.700

ALPHA (1) = -3.851 BETA (1) = -.156 MACH = 1.5552 RN/L = 4.1564 Q(PSF) = 923.66 P = 545.56

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2559		-.2702	-.2910	-.3068	-.3344	-.0606
45.000				-.2847			
90.000			-.2960	-.2942	-.3315	-.3482	-.0342
135.000				-.3571	-.3161	-.2511	
141.000							.2759
180.000			-.3099	-.3149	-.3018	-.3469	
186.000							-.0562
219.000							.0[illegible]5
225.000				-.3004			
270.000		-.2771	-.2864	-.2860			.0763
315.000				-.2651	-.2945	-.3192	-.1065

ALPHA (2) = .102 BETA (1) = -4.082 MACH = 1.5552 RN/L = 4.1391 Q(PSF) = 924.16 P = 545.86

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2522		-.2801	-.3008	-.3044	-.3122	-.0401
45.000				-.2942			
90.000			-.2819	-.3328	-.3650	-.4101	-.1336
135.000				-.3475	-.2706	-.1414	
141.000							.5093
180.000			-.3009	-.3170	-.3096	-.3266	
186.000							-.0663
219.000							.0233
225.000				-.2761			
270.000		-.2526	-.2753	-.2582			-.0698
315.000				-.2468	-.2743	-.2973	-.1313

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H73)

ALPHA (2) = .115 BETA (2) = -.174 MACH = 1.5552 RN/L = 4.1391 Q(PSF) = 924.16 P = 545.86

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2425		-.2546	-.2681	-.2888	-.3190	-.0532
45.000				-.2610			
90.000			-.2710	-.2950	-.3322	-.3652	-.1019
135.000				-.3157	-.2858	-.2164	
141.000							.3550
180.000			-.2827	-.2942	-.2908	-.3285	
186.000							.0039
219.000							.1237
225.000				-.2686			
270.000		-.2640	-.2704	-.2595			-.0132
315.000				-.2661	-.2939	-.3253	-.0919

ALPHA (2) = .086 BETA (3) = 3.906 MACH = 1.5552 RN/L = 4.1391 Q(PSF) = 924.16 P = 545.86

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2497		-.2758	-.2850	-.2[illegible]6	-.3030	-.0288
45.000				-.2797			
90.000			-.2712	-.2861	-.3105	-.3272	-.1271
135.000				-.2677	-.2665	-.2878	
141.000							.0416
180.000			-.2734	-.3239	-.34[illegible]	-.3758	
186.000							-.0654
219.000							.3562
225.000				-.2717			
270.000		-.2734	-.2758	-.2630			-.0488
315.000				-.2738	-.3135	-.3375	-.0574

ALPHA (3) = 4.232 BETA (1) = -.131 MACH = 1.5552 RN/L = 4.1237 Q(PSF) = 923.36 P = 545.38

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2275		-.2417	-.2573	-.2764	-.3078	-.0375
45.000				-.2798			
90.000			-.2504	-.2727	-.3083	-.3373	-.1760
135.000				-.2483	-.2463	-.2042	
141.000							.4164
180.000			-.2433	-.2378	-.2365	-.2694	
186.000							.0739

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H73)

ALPHA (3 = 4.232 BETA (1) = -.131

SECTION : ET BASE DEPENDENT VARIABLE CP

R.ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2078
225.000				-.2638			
270.000		-.2475	-.2629	-.2458			-.0782
315.000				-.2274	-.2534	-.2864	-.0960

DATE 05 FEB 76 TABULATED SOURCE DATA - IA82B

APC97-0441A82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (REGH74) (14 MAR 75)

REFERENCE DATA

SREF = 2880.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1090.3000 IN. YMRP = .0000 IN. YT
BREF = 1280.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -3.911 BETA (1) = -.131 MACH = 1.5552 RN/L = 4.0759 Q(PSF) = 922.15 P = 544.67

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1644		-.1665	-.1727	-.1864	-.2426	-.0588
45.000				-.2122			
90.000			-.1717	-.1862	-.2053	-.2220	-.0618
135.000				-.2339	-.2249	-.1850	
141.000							.2540
180.000			-.2153	-.1877	-.1823	-.2064	
185.000							-.0457
219.000							.0611
225.000				-.1994			
270.000		-.1723	-.1711	-.1920			.0835
315.000				-.1589	-.1727	-.1833	-.1056

ALPHA (2) = .039 BETA (1) = -4.082 MACH = 1.5552 RN/L = 4.0753 Q(PSF) = 924.66 P = 546.15

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1637		-.1863	-.2001	-.2054	-.2317	-.0350
45.000				-.1939			
90.000			-.1994	-.2030	-.2414	-.2600	-.1370
135.000				-.2207	-.2077	-.0972	
141.000							.5043
180.000			-.2040	-.2102	-.2115	-.2104	
185.000							-.0746
219.000							.0228
225.000				-.1886			
270.000		-.1673	-.1669	-.1618			-.0503
315.000				-.1591	-.1849	-.1942	-.1315

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H74)

ALPHA (2) = .035 BETA (2) = -.174 MACH = 1.5552 RN/L = 4.0753 Q(PSF) = 924.66 P = 546.15

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1518		-.1512	-.1530	-.1648	-.2304	-.0482
45.000				-.1694			
90.000			-.1642	-.1677	-.2007	-.2313	-.1114
135.000				-.2381	-.2235	-.1789	
141.000							.3573
180.000			-.1948	-.1960	-.1892	-.2267	
186.000							.0019
219.000							.1134
225.000				-.1732			
270.000		-.1610	-.1650	-.1733			.0005
315.000				-.1564	-.1815	-.2001	-.0919

ALPHA (2) = .012 BETA (3) = 3.906 MACH = 1.5552 RN/L = 4.0753 Q(PSF) = 924.66 P = 546.15

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1596		-.1799	-.1904	-.1957	-.2247	-.0241
45.000				-.1954			
90.000			-.1626	-.1700	-.1984	-.2139	-.1379
135.000				-.1850	-.1973	-.2408	
141.000							.0334
180.000			-.1874	-.2229	-.2602	-.3148	
186.000							-.0710
219.000							.3537
225.000				-.1822			
270.000		-.1694	-.1729	-.1666			-.0347
315.000				-.1723	-.2064	-.2321	-.0549

ALPHA (3) = 4.119 BETA (1) = -.131 MACH = 1.5552 RN/L = 4.0538 Q(PSF) = 922.46 P = 544.85

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1504		-.1479	-.1527	-.1626	-.2248	-.0355
45.000				-.1896			
90.000			-.1665	-.1778	-.1895	-.2336	-.1744
135.000				-.1647	-.1704	-.1687	
141.000							.4160
180.000			-.1625	-.1570	-.1532	-.1775	
186.000							.0688

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H74)

ALPHA (3 = 4.119 BETA (1) = -.131

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2070
225.000				-.1856			
270.000		-.1581	-.1739	-.1744			-.0744
315.000				-.1367	-.1528	-.1687	-.0944

ARC97-0441A82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H75) (14 MAR 75)

REFERENCE DATA

SPEF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-CB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.555 BETA (1) = -.083 MACH = 2.0012 RN/L = 3.5327 Q(PSF) = 774.98 P = 276.45

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1780		-.2220	-.2319	-.2294	-.2290	-.0372
45.000				-.2110			
90.000			-.2218	-.2220	-.2232	-.2205	.1007
135.000				-.2379	-.1832	-.1227	
141.000							.2675
180.000			-.2286	-.2335	-.2338	-.2107	
186.000							.0308
219.000							.1990
225.000				-.2119			
270.000		-.2079	-.2152	-.1522			.1968
315.000				-.1889	-.2235	-.2254	-.0212

ALPHA (2) = .396 BETA (1) = -4.034 MACH = 2.0012 RN/L = 3.5419 Q(PSF) = 776.33 P = 276.93

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1630		-.1944	-.1940	-.1921	-.1978	-.0447
45.000				-.2087			
90.000			-.2330	-.2485	-.2486	-.2485	.1037
135.000				-.2344	-.1756	.0005	
141.000							.4479
180.000			-.2207	-.2249	-.2161	-.2104	
186.000							.0222
219.000							.0839
225.000				-.1946			
270.000		-.1871	-.1964	-.1378			.0684
315.000				-.1793	-.2164	-.2186	-.0555

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H75)

ALPHA (2) = .403 BETA (2) = -.126 MACH = 2.0012 RN/L = 3.5419 Q(PSF) = 776.33 P = 276.93

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1677		-.1945	-.2080	-.2070	-.2258	-.0438
45.000				-.1939			
90.000			-.2116	-.2184	-.2203	-.2225	.0969
135.000				-.2359	-.1606	-.0763	
141.000							.3415
180.000			-.2129	-.2244	-.2174	-.2007	
186.000							.0714
219.000							.2218
225.000				-.1958			
270.000		-.1910	-.1974	-.1414			.1493
315.000				-.1834	-.2187	-.2185	-.0200

ALPHA (2) = .395 BETA (3) = 3.954 MACH = 2.0012 RN/L = 3.5419 Q(PSF) = 776.33 P = 276.93

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1685		-.1895	-.1911	-.1872	-.1929	-.0454
45.000				-.2141			
90.000			-.1904	-.2004	-.1997	-.1991	.0309
135.000				-.1884	-.1953	-.2061	
141.000							.1455
180.000			-.2035	-.2377	-.2420	-.2438	
186.000							.0722
219.000							.3832
225.000				-.2320			
270.000		-.1991	-.2046	-.1495			.1683
315.000				-.1689	-.2034	-.2065	.0164

ALPHA (3) = 4.529 BETA (1) = -.083 MACH = 2.0012 RN/L = 3.5393 Q(PSF) = 776.50 P = 276.99

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1579		-.1690	-.1919	-.1931	-.2087	-.0256
45.000				-.1858			
90.000			-.1928	-.1977	-.1971	-.1986	.0375
135.000				-.2252	-.1476	-.0519	
141.000							.4130
180.000			-.1930	-.2124	-.2043	-.1926	
186.000							.1239

DATE 06 FEB 76 TABULATED SOURCE DATA - 1A828

ARC97-044(A82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H75)

ALPHA (3) = 4.528 BETA (1) = -.083

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2547
225.000				-.1787			
270.000		-.1787	-.1818	-.1300			.0838
315.000				-.1783	-.2207	-.2215	-.0304

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H76) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.592 BETA (1) = -.083 MACH = 2.0012 RN/L = 3.5355 Q(PSF) = 774.47 P = 276.27

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0757		-.0863	-.0951	-.0979	-.1231	-.0291
45.000				-.1258			
90.000			-.0973	-.1104	-.1163	-.1377	.1012
135.000				-.0854	-.0812	-.0469	
141.000							.2701
180.000			-.0849	-.0801	-.0695	-.0792	
185.000							.0347
219.000							.1986
225.000				-.1060			
270.000		-.0858	-.0865	-.0763			.2034
315.000				-.0730	-.0832	-.0926	-.0203

ALPHA (2) = .332 BETA (1) = -4.031 MACH = 2.0012 RN/L = 3.5396 Q(PSF) = 776.50 P = 276.99

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0727		-.0890	-.0954	-.1002	-.1150	-.0367
45.000				-.0967			
90.000			-.1124	-.1340	-.1671	-.1731	.0993
135.000				-.1279	-.0883	.0211	
141.000							.4459
180.000			-.0951	-.0992	-.0952	-.0994	
196.000							.0193
219.000							.0809
225.000				-.1091			
270.000		-.0791	-.0769	-.0660			.0727
315.000				-.0574	-.0810	-.0877	-.0546

ARC97-044IAB2 OTS(SRB=NOM MPS=NOM) ET-BASE-- (REV476)

ALPHA (2) = .371 BETA (2) = -.126 MACH = 2.0012 RN/L = 3.5365 Q(PSF) = 776.50 P = 276.99

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0598		-.0607	-.0603	-.0642	-.0854	-.0342
45.000				-.1017			
90.000			-.0643	-.0786	-.1020	-.1020	.0943
135.000				-.1163	-.1071	-.0342	
141.000							.3362
180.000			-.0686	-.1008	-.0943	-.1093	
186.000							.0714
219.000							.2225
225.000				-.0830			
270.000		-.0522	-.0591	-.0601			.1594
315.000				-.0506	-.0625	-.0709	-.0192

ALPHA (2) = .345 BETA (3) = 3.957 MACH = 2.0012 RN/L = 3.5396 Q(PSF) = 776.5[illegible] P = 276.99

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0590		-.0690	-.0676	-.0660	-.0857	-.0384
45.000				-.0844			
90.000			-.0762	-.0818	-.0964	-.1247	.0254
135.000				-.0842	-.1002	-.1135	
141.000							.1369
180.000			-.0922	-.1072	-.1040	-.1095	
186.000							.0639
219.000							.3824
225.000				-.0774			
270.000		-.0701	-.0749	-.0435			.1678
315.000				-.0613	-.0815	-.0973	.0124

ALPHA (3) = 4.451 BETA (1) = -.083 MACH = 2.0012 RN/L = 3.5488 Q(PSF) = 777.51 P = 277.35

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0582		-.0508	-.0533	-.0567	-.0828	-.0180
45.000				-.0811			
90.000			-.0632	-.0749	-.1104	-.1122	.0197
135.000				-.1020	-.0929	-.0160	
141.000							.4184
180.000			-.0820	-.0907	-.0885	-.1117	
186.000							.1242

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (REV 76)

ALPHA (3) = 4.451 BETA (1) = -.083

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2470
225.000				-.0708			
270.000		-.0548	-.0645	-.0362			.0998
315.000				-.0456	-.0684	-.0817	-.0290

ARC97-044IA82 OTS(SRB=OFF , MPS=OFF) ET-BASE-- (RE6H77) (14 MAR 75)

REFERENCE DATA

SPEF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.367 BETA (1) = -.079 MACH = 2.2005 RN/L = 3.2581 Q(PSF) = 687.31 P = 202.77

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1487		-.1902	-.2003	-.1995	-.1964	-.0288
45.000				-.1941			
90.000			-.1857	-.1904	-.1908	-.1881	.1209
135.000				-.2013	-.1653	-.0735	
141.000							.2919
180.000			-.1949	-.1987	-.2013	-.1552	
186.000							.0751
219.000							.2489
225.000				-.1826			
270.000		-.1774	-.1838	-.0977			.2192
315.000				-.1490	-.1871	-.1893	.0163

ALPHA (2) = .578 BETA (1) = -4.026 MACH = 2.2005 RN/L = 3.2574 Q(PSF) = 688.51 P = 203.13

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1411		-.1731	-.1720	-.1662	-.1745	-.0571
45.000				-.1823			
90.000			-.1998	-.2036	-.2031	-.2042	.1492
135.000				-.1852	-.1365	.0044	
141.000							.4456
180.000			-.1846	-.1795	-.1724	-.1621	
186.000							.0394
219.000							.0894
225.000				-.1801			
270.000		-.1607	-.1745	-.0884			.1009
315.000				-.1439	-.1827	-.1833	-.0382

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H77)

ALPHA (2) = .597 BETA (2) = -.110 MACH = 2.2005 RN/L = 3.2574 Q(PSF) = 688.51 P = 203.13

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1434		-.1723	-.1811	-.1770	-.1924	-.0457
45.000				-.1695			
90.000			-.1826	-.1855	-.1858	-.1852	.1272
135.000				-.1923	-.1361	-.0462	
141.000							.3503
180.000			-.1933	-.1999	-.1955	-.1534	
186.000							.0853
219.000							.2164
225.000				-.1717			
270.000		-.1636	-.1735	-.0915			.1702
315.000				-.1442	-.1825	-.1815	-.0020

ALPHA (2) = .591 BETA (3) = 3.961 MACH = 2.2005 RN/L = 3.2574 Q(PSF) = 688.51 P = 203.13

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1460		-.1693	-.1691	-.1629	-.1676	-.0596
45.000				-.1825			
90.000			-.1676	-.1747	-.1728	-.1724	.0271
135.000				-.1656	-.1682	-.1717	
141.000							.1891
180.000			-.1788	-.2068	-.2106	-.2050	
186.000							.1156
219.000							.4047
225.000				-.1922			
270.000		-.1714	-.1769	-.0960			.1957
315.000				-.1391	-.1775	-.1872	.0279

ALPHA (3) = 4.720 BETA (1) = -.076 MACH = 2.2005 RN/L = 3.2619 Q(PSF) = 688.43 P = 203.11

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1376		-.1523	-.1705	-.1682	-.1802	-.0310
45.000				-.1647			
90.000			-.1655	-.1709	-.1684	-.1686	.0485
135.000				-.1905	-.1170	-.0228	
141.000							.3717
180.000			-.1732	-.1913	-.1794	-.1533	
186.000							.1092

ARC97-044 1A82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H77)

ALPHA (3) = 4.720 BETA (1) = -.076

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RCD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2208
225.000				-.1608			
270.000		-.1560	-.1616	-.0858			.1280
315.000				-.1492	-.1893	-.1870	-.0154

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H78) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.393 BETA (1) = -.079 MACH = 2.2005 RN/L = 3.2574 Q(PSF) = 686.64 P = 202.58

SECTION (1)ET BASE DEPENDENT VARIABLE CP

P/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0443		-.0538	-.0586	-.0632	-.0831	-.0210
45.000				-.0605			
90.000			-.0656	-.0890	-.0926	-.0877	.1201
135.000				-.0476	-.0435	-.0002	
141.000							.2909
180.000			-.0474	-.0406	-.0338	-.0363	
186.000							.0731
219.000							.2445
225.000				-.0807			
270.000		-.0530	-.0532	-.0257			.2221
315.000				-.0442	-.0541	-.0628	.0122

ALPHA (2) = .484 BETA (1) = -4.026 MACH = 2.2005 RN/L = 3.2628 Q(PSF) = 688.06 P = 203.00

SECTION (1)ET BASE DEPENDENT VARIABLE CP

P/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0431		-.0499	-.0507	-.0532	-.0619	-.0487
45.000				-.0573			
90.000			-.0872	-.0967	-.0966	-.0937	.1477
135.000				-.0769	-.0609	.0263	
141.000							.4403
180.000			-.0651	-.0633	-.0629	-.0660	
186.000							.0383
219.000							.0902
225.000				-.0732			
270.000		-.0493	-.0472	-.0200			.0996
315.000				-.0454	-.0592	-.0633	-.0384

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H78)

ALPHA (2) = .507 BETA (2) = -.082 MACH = 2.2005 RN/L = 3.2628 Q(PSF) = 688.06 P = 203.00

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0372		-.0408	-.0387	-.0380	-.0488	-.0386
45.000				-.0443			
90.000			-.0430	-.0682	-.0704	-.0606	.1103
135.000				-.0646	-.0536	.0019	
141.000							.3289
180.000			-.0607	-.0598	-.0480	-.0505	
186.000							.0819
219.000							.2279
225.000				-.0594			
270.000		-.0408	-.0356	-.0193			.1866
315.000				-.0289	-.0378	-.0475	-.0025

ALPHA (2) = .528 BETA (3) = 3.955 MACH = 2.2005 RN/L = 3.2628 Q(PSF) = 688.06 P = 203.00

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0258		-.0364	-.0338	-.0307	-.0394	-.0511
45.000				-.0399			
90.000			-.0438	-.0438	-.0546	-.0919	.0148
135.000				-.0432	-.0464	-.0651	
141.000							.1922
180.000			-.0480	-.0733	-.0742	-.0855	
186.000							.1132
219.000							.4000
225.000				-.0605			
270.000		-.0416	-.0461	.0051			.2019
315.000				-.0268	-.0443	-.0590	.0266

ALPHA (3) = 4.667 BETA (1) = -.082 MACH = 2.2005 RN/L = 3.2765 Q(PSF) = 690.45 P = 203.70

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0369		-.0297	-.0274	-.0280	-.0424	-.0251
45.000				-.0464			
90.000			-.0311	-.0435	-.0710	-.0735	.0467
135.000				-.1100	-.0795	.0073	
141.000							.3691
180.000			-.0558	-.0902	-.0836	-.0980	
186.000							.1076

ARC97-0441A82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H78)

ALPHA (3) = 4.667 BETA (1) = -.082

SECTION (1:ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2169
225.000				-.0805			
270.000		-.0338	-.0351	.0071			.1366
315.000				-.0271	-.0507	-.0766	-.0150

DATE 06 FEB 76 TABULATED SOURCE DATA - IA82B

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H79) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -3.865 BETA (1) = -.147 MACH = 1.5557 RN/L = 4.2191 Q(PSF) = 925.08 P = 546.07

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2572		-.2736	-.2934	-.3115	-.3391	-.0604
45.000				-.2946			
90.000			-.2864	-.2966	-.3331	-.3491	-.0335
135.000				-.3555	-.3181	-.2457	
141.000							.2660
180.000			-.3136	-.3162	-.3018	-.3465	
186.000							-.0550
219.000							.0597
225.000				-.3024			
270.000		-.2779	-.2862	-.2958			.0774
315.000				-.2642	-.2922	-.3193	-.1060

ALPHA (2) = .105 BETA (1) = -4.088 MACH = 1.5557 RN/L = 4.1920 Q(PSF) = 923.88 P = 545.36

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2545		-.2829	-.3040	-.3052	-.3149	-.0395
45.000				-.2956			
90.000			-.2845	-.3346	-.3654	-.4103	-.1334
135.000				-.3477	-.2700	-.1389	
141.000							.5102
180.000			-.3043	-.3163	-.3092	-.3256	
186.000							-.0605
219.000							.0252
225.000				-.2766			
270.000		-.2542	-.2777	-.2602			-.0673
315.000				-.2459	-.2740	-.2967	-.1305

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H79)

ALPHA (2) = .115 BETA (2) = -.181 MACH = 1.5557 RN/L = 4.1920 Q(PSF) = 923.88 P = 545.36

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2427		-.2541	-.2682	-.2899	-.3208	-.0518
45.000				-.2610			
90.000			-.2717	-.2964	-.3324	-.3667	-.1015
135.000				-.3163	-.2858	-.2141	
141.000							.3567
180.000			-.2830	-.2941	-.2909	-.3260	
186.000							-.0019
219.000							.1259
225.000				-.2677			
270.000		-.2637	-.2702	-.2605			-.0107
315.000				-.2648	- 2942	-.3271	-.0901

ALPHA (2) = .092 BETA (3) = 3.897 MACH = 1.5557 RN/L = 4.1920 Q(PSF) = 923.88 P = 545.36

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2521		-.2769	-.2855	-.2919	-.3055	-.0269
45.000				-.2806			
90.000			-.2718	-.2852	-.3101	-.3290	-.1254
135.000				-.2677	-.2672	-.2897	
141.000							.0406
180.000			-.2746	-.3254	-.3421	-.3774	
186.000							-.0638
219.000							.3604
225.000				-.2726			
270.000		-.2757	-.2768	-.2652			-.0463
315.000				-.2748	-.3144	-.3392	-.0556

ALPHA (3) = 4.245 BETA (1) = -.144 MACH = 1.5557 RN/L = 4.1688 Q(PSF) = 923.88 P = 545.36

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2293		-.2417	-.2590	-.2778	-.3106	-.0376
45.000				-.2807			
90.000			-.2509	-.2725	-.3095	-.3401	-.1761
135.000				-.2486	-.2470	-.2054	
141.000							.4167
180.000			-.2428	-.2385	-.2374	-.2681	
186.000							.0751

DATE 08 FEB 79 TABULATED SOURCE DATA - IA82B (RE6H79)

ARC97-0441A82 OTS(SRB=OFF MPS=OFF) ET-BASE--

ALPHA (3) = 4.245 BETA (1) = -.144

SECTION 1 DET BASE DEPENDENT VARIABLE CP

MACH	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2073
225.000				-.2630			
270.000		-.2486	-.2635	-.2492			-.0769
315.000				-.2289	-.2550	-.2893	-.0936

ARC97-0441A82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H80) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. YMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -3.905 BETA (1) = -.144 MACH = 1.5557 RN/L = 4.1400 Q(PSF) = 924.48 P = 545.71

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1682		-.1713	-.1779	-.1905	-.2463	-.0615
45.000				-.2172			
90.000			-.1765	-.1909	-.2279	-.2262	-.0586
135.000				-.2358	-.2255	-.1868	
141.000							.2650
180.000			-.2206	-.1906	-.1853	-.2086	
186.000							-.0490
218.000							.0551
225.000				-.2022			
270.000		-.1774	-.1748	-.1951			.0810
315.000				-.1622	-.1750	-.1871	-.1074

ALPHA (2) = .022 BETA (1) = -4.089 MACH = 1.5557 RN/L = 4.1211 Q(PSF) = 924.68 P = 545.83

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1657		-.1837	-.2005	-.2060	-.2346	-.0358
45.000				-.1959			
90.000			-.1897	-.2059	-.2451	-.2620	-.1358
135.000				-.2203	-.2075	-.0968	
141.000							.4993
180.000			-.2017	-.2089	-.2105	-.2090	
186.000							-.0711
218.000							.0257
225.000				-.1923			
270.000		-.1691	-.1684	-.1841			-.0509
315.000				-.1605	-.1854	-.1982	-.1328

APC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H80)

ALPHA (2) = .035 BETA (2) = -.181 MACH = 1.5557 RN/L = 4.1211 Q(PSF) = 924.68 P = 545.83

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1526		-.1523	-.1540	-.1662	-.2332	-.0483
45.000				-.1725			
90.000			-.1656	-.1698	-.2043	-.2337	-.1118
135.000				-.2346	-.2238	-.1794	
141.000							.3540
180.000			-.1991	-.1950	-.1885	-.2246	
186.000							.0021
219.000							.1235
225.000				-.1752			
270.000		-.1623	-.1663	-.1747			-.0005
315.000				-.1578	-.1830	-.2005	-.0927

ALPHA (2) = .015 BETA (3) = 3.897 MACH = 1.5557 RN/L = 4.1211 Q(PSF) = 924.68 P = 545.83

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1610		-.1815	-.1915	-.1960	-.2259	-.0239
45.000				-.1966			
90.000			-.1651	-.1725	-.2000	-.2150	-.1382
135.000				-.1874	-.1993	-.2405	
141.000							.0317
180.000			-.1890	-.2258	-.2615	-.3142	
186.000							-.0699
219.000							.3568
225.000				-.1840			
270.000		-.1716	-.1748	-.1702			-.0345
315.000				-.1740	-.2090	-.2334	-.0577

ALPHA (3) = 4.178 BETA (1) = -.137 MACH = 1.5557 RN/L = 4.1096 Q(PSF) = 925.69 P = 546.42

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1515		-.1498	-.1539	-.1631	-.2277	-.0364
45.000				-.1919			
90.000			-.1693	-.1800	-.1916	-.2360	-.1749
135.000				-.1656	-.1709	-.1675	
141.000							.4145
180.000			-.1614	-.1573	-.1537	-.1787	
186.000							.0681

APC97-0+41A82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H80)

ALPHA (3) = 4.178 BETA (1) = -.137

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

PERIOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2093
225.000				-.1867			
270.000		-.1602	-.1771	-.1754			-.0724
315.000				-.1390	-.1562	-.1708	-.0943

ARCS7-044IAS2 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6481) (14 MAR 75)

REFERENCE DATA

SREF = 2820.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1210.8000 IN. YMRP = .0000 IN. YT
BREF = 1330.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.586 BETA (1) = -.095 MACH = 2.0007 RN/L = 3.5703 Q(PSF) = 775.68 P = 276.93

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1853		-.2306	-.2394	-.2361	-.2329	-.0409
45.000				-.2179			
90.000			-.2302	-.2302	-.2311	-.2264	.1003
135.000				-.2449	-.1880	-.1285	
141.000							.2680
180.000			-.2367	-.2403	-.2403	-.2152	
186.000							.0279
219.000							.1948
225.000				-.2183			
270.000		-.2165	-.2233	-.1610			.1959
315.000				-.1951	-.2296	-.2328	-.0231

ALPHA (2) = .371 BETA (1) = -4.037 MACH = 2.0007 RN/L = 3.5841 Q(PSF) = 777.29 P = 277.40

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1751		-.2008	-.2006	-.1959	-.2023	-.0485
45.000				-.2140			
90.000			-.2401	-.2547	-.2521	-.2527	.1037
135.000				-.2406	-.1782	-.0021	
141.000							.4475
180.000			-.2280	-.2306	-.2211	-.2151	
186.000							.0208
219.000							.0824
225.000				-.2006			
270.000		-.1933	-.2037	-.1453			.0662
315.000				-.1855	-.2237	-.2249	-.0573

APC97-0[illegible]41A82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H81)

ALPHA (2) = .407 BETA (2) = -.132 MACH = 2.0007 RN/L = 3.5841 Q(PSF) = 777.29 P = 277.40

SECTION (1 ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1741		-.2020	-.2144	-.2133	-.2307	-.0455
45.000				-.2000			
90.000			-.2201	-.2252	-.2274	-.2287	.0969
135.000				-.2411	-.1645	-.0795	
141.000							.3375
180.000			-.2201	-.2303	-.2223	-.2046	
186.000							.0694
219.000							.2233
225.000				-.2024			
270.000		-.1976	-.2038	-.1493			.1426
315.000				-.1879	-.2236	-.2238	-.0231

ALPHA (2) = .401 BETA (3) = 3.945 MACH = 2.0007 RN/L = 3.5841 Q(PSF) = 777.29 P = 277.40

SECTION (1ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	- 1733		-.1965	-.1974	-.1925	-.1977	-.0478
45.000				-.2217			
90.000			-.1976	-.2078	-.2053	-.2035	.0312
135.000				-.1956	-.2000	-.2103	
141.000							.1428
180.000			-.2094	-.2436	-.2455	-.2468	
186.000							.0707
219.000							.3827
225.000				-.2379			
270.000		-.2047	-.2113	-.1578			.1647
315.000				-.1734	-.2077	-.2143	.0125

ALPHA (3) = 4.570 BETA (1) = -.092 MACH = 2.0007 RN/L = 3.5747 Q(PSF) = 776.70 P = 277.19

SECTION (1ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1624		-.1746	-.1992	-.1983	-.2149	-.0279
45.000				-.1920			
90.000			-.1975	-.2020	-.2018	-.2032	.0327
135.000				-.2291	-.1489	-.0538	
141.000							.4165
180.000			-.2006	-.2176	-.2089	-.1961	
186.000							.1256

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H81)

ALPHA (3) = 4.570 BETA (1) = -.092

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2537
225.000				-.1843			
270.000		-.1845	-.1889	-.1372			.0830
315.000				-.1835	-.2255	-.2274	-.0306

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H82) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.590 BETA (1) = -.095 MACH = 2.0007 RN/L = 3.5637 Q(PSF) = 775.43 P = 276.74

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	8400	.8950	.9460	1.0000
PHI							
.000	-.0761		-.0880	-.0947	-.1004	-.1261	-.0311
45.000				-.1183			
90.000			-.1004	-.1121	-.1218	-.1420	.1011
135.000				-.0834	-.0800	-.0489	
141.000							.2678
180.000			-.0843	-.0786	-.0698	-.0799	
186.000							.0333
219.000							.1998
225.000				-.1097			
270.000		-.0872	-.0880	-.0793			.2033
315.000				-.0760	-.0861	-.0956	-.0220

ALPHA (2) = .334 BETA (1) = -4.040 MACH = 2.0007 RN/L = 3.5644 Q(PSF) = 774.92 P = 276.56

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0752		-.0909	-.0984	-.1045	-.1182	-.0394
45.000				-.0990			
90.000			-.1151	-.1383	-.1706	-.1776	.0992
135.000				-.1297	-.0891	.0204	
141.000							.4468
180.000			-.0960	-.0993	-.0966	-.1013	
186.000							.0188
219.000							.0819
225.000				-.1132			
270.000		-.0812	-.0788	-.0696			.0718
315.000				-.0704	-.0832	-.0911	-.0568

ARC97-044(A82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H82)

ALPHA (2) = .364 BETA (2) = -.132 MACH = 2.0007 RN/L = 3.5644 Q(PSF) = 774.92 P = 276.56

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0635		-.0659	-.0639	-.0671	-.0683	-.0377
45.000				-.1056			
90.000			-.0698	-.0846	-.1050	-.1048	.0939
135.000				-.1133	-.1039	-.0368	
141.000							.3365
180.000			-.0936	-.1012	-.0914	-.1068	
186.000							.0696
219.000							.2246
225.000				-.0866			
270.000		-.0666	-.0624	-.0649			.1541
315.000				-.0529	-.0652	-.0742	-.0216

ALPHA (2) = .348 BETA (3) = 3.945 MACH = 2.0007 RN/L = 3.5644 Q(PSF) = 774.92 P = 276.56

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0625		-.0671	-.0661	-.0714	-.0900	-.0400
45.000				-.0896			
90.000			-.0770	-.0803	-.0986	-.1076	.0263
135.000				-.0852	-.0991	-.1237	
141.000							.1439
180.000			-.0826	-.1054	-.1034	-.1111	
186.000							.0666
219.000							.3840
225.000				-.1264			
270.000		-.0687	-.0720	-.0452			.1693
315.000				-.0696	-.0870	-.0966	.0143

ALPHA (3) = 4.494 BETA (1) = -.092 MACH = 2.0007 RN/L = 3.5614 Q(PSF) = 774.92 P = 276.56

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R.ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0636		-.0570	-.0573	-.0617	-.0856	-.0201
45.000				-.0863			
90.000			-.0683	-.0801	-.1149	-.1160	.0195
135.000				-.1015	-.0916	-.0162	
141.000							.4161
180.000			-.0858	-.0914	-.0872	-.1067	
186.000							.1245

ARC97-044IA82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H82)

ALPHA (3) = 4.494 BETA (1) = -.092

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2491
225.000				-.0771			
270.000		-.0616	-.0682	-.0434			.0974
315.000				-.0472	-.0714	-.0857	-.0300

ARC97-0441A82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (REGH83) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.377 BETA (1) = -.085 MACH = 2.2000 RN/L = 3.2745 Q(PSF) = 687.54 P = 202.93

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1543		-.1974	-.2061	-.2068	-.2006	-.0349
45.000				-.1993			
90.000			-.1937	-.1974	-.1977	-.1950	.1197
135.000				-.2075	-.1720	-.0767	
141.000							.2899
180.000			-.2020	-.2061	-.2085	-.1582	
186.000							.0714
219.000							.2453
225.000				-.1887			
270.000		-.1828	-.1890	-.1069			.2199
315.000				-.1543	-.1940	-.1987	.0124

ALPHA (2) = .561 BETA (1) = -4.033 MACH = 2.2000 RN/L = 3.2887 Q(PSF) = 689.78 P = 203.60

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1456		-.1782	-.1776	-.1737	-.1799	-.0606
45.000				-.1887			
90.000			-.2038	-.2122	-.2099	-.2090	.1457
135.000				-.1902	-.1399	.0047	
141.000							.4502
180.000			-.1891	-.1644	-.1781	-.1653	
186.000							.0382
219.000							.0885
225.000				-.1893			
270.000		-.1658	-.1792	-.0963			.0998
315.000				-.1506	-.1872	-.1880	-.0415

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (RE6H83)

ALPHA (2) = .597 BETA (2) = -.126 MACH = 2.2000 RN/L = 3.2887 Q(PSF) = 689.78 P = 203.60

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1485		-.1800	-.1872	-.1856	-.2015	-.0496
45.000				-.1753			
90.000			-.1886	-.1913	-.1947	-.1933	.1249
135.000				-.1948	-.1413	-.0488	
141.000							.3484
180.000			-.1983	-.2051	-.2048	-.1578	
186.000							.0844
219.000							.2153
225.000				-.1781			
270.000		-.1703	-.1794	-.1016			.1707
315.000				-.1512	-.1897	-.1906	-.0037

ALPHA (2) = .578 BETA (3) = 3.952 MACH = 2.2000 RN/L = 3.2887 Q(PSF) = 689.78 P = 203.60

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1515		-.1770	-.1764	-.1679	-.1745	-.0623
45.000				-.1892			
90.000			-.1735	-.1807	-.1786	-.1780	.0326
135.000				-.1723	-.1739	-.1759	
141.000							.1874
180.000			-.1859	-.2114	-.2126	-.2095	
186.000							.1144
219.000							.4075
225.000				-.1966			
270.000		-.1772	-.1849	-.1037			.1968
315.000				-.1438	-.1834	-.1953	.0268

ALPHA (3) = 4.763 BETA (1) = -.082 MACH = 2.2000 RN/L = 3.2903 Q(PSF) = 690.68 P = 203.86

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1422		-.1570	-.1745	-.1718	-.1875	-.0326
45.000				-.1688			
90.000			-.1704	-.1743	-.1722	-.1739	.0444
135.000				-.1922	-.1195	-.0256	
141.000							.3754
180.000			-.1809	-.1941	-.1850	-.1562	
186.000							.1097

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044IA82 OTS(SRB=OFF MPS=OFF) ET-BASE-- (REGH83)

ALPHA (3) = 4.763 BETA (1) = -.082

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							
225.000							.2211
270.000				-.1638			
315.000		-.1603	-.1669	-.0923			.1251
				-.1508	-.1934	-.1932	-.0145

DATE 05 FEB 75 TABULATED SOURCE DATA - IA82B

ARC97-044!A82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (REGH84) (14 MAR 75)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.403 BETA (1) = -.085 MACH = 2.2000 RN/L = 3.2777 Q(PSF) = 687.99 P = 203.07

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0461		-.0548	-.0600	-.0648	-.0859	-.0249
45.000				-.0616			
90.000			-.0699	-.0903	-.0925	-.0896	.1178
135.000				-.0472	-.0435	-.0013	
141.000							.2848
180.000			-.0492	-.0403	-.0340	-.0373	
186.000							.0722
219.000							.2452
225.000				-.0804			
270.000		-.0548	-.0552	-.0294			.2237
315.000				-.0462	-.0549	-.0658	.0113

ALPHA (2) = .494 BETA (1) = -4.030 MACH = 2.2000 RN/L = 3.2746 Q(PSF) = 687.99 P = 203.07

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0466		-.0552	-.0563	-.0567	-.0638	-.0514
45.000				-.0625			
90.000			-.0929	-.1022	-.0994	-.0983	.1436
135.000				-.0813	-.0625	.0262	
141.000							.4413
180.000			-.0672	-.0645	-.0631	-.0673	
186.000							.0350
219.000							.0860
225.000				-.0782			
270.000		-.0532	-.0521	-.0249			.0949
315.000				-.0474	-.0517	-.0663	-.0423

DATE 05 FEB 76 TABULATED SOURCE DATA - IA82B

ARC97-044!492 OTS(SRB=NOM MPS=NOM) ET-BASE-- (RE6H84)

ALPHA (2) = .550 BETA (2) = -.126 MACH = 2.2000 RN/L = 3.2746 Q(PSF) = 687.99 P = 203.07

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0389		-.0412	-.0393	-.0393	-.0487	-.0393
45.000				-.0455			
90.000			-.0439	-.0714	-.0743	-.0636	.1221
135.000				-.0676	-.0567	.0014	
141.000							.3415
180.000			-.0610	-.0616	-.0493	-.0559	
186.000							.0639
219.000							.2186
225.000				-.0585			
270.000		-.0416	-.0354	-.0236			.1831
315.000				-.0294	-.0389	-.0493	-.0026

ALPHA (2) = .541 BETA (3) = 3.955 MACH = 2.2000 RN/L = 3.2746 Q(PSF) = 687.99 P = 203.07

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0284		-.0369	-.0334	-.0300	-.0395	-.0525
45.000				-.0404			
90.000			-.0449	-.0449	-.0562	-.0941	.0116
135.000				-.0443	-.0492	-.0692	
141.000							.1909
180.000			-.0513	-.0744	-.0754	-.0857	
186.000							.1138
219.000							.4066
225.000				-.0630			
270.000		-.0420	-.0464	.0016			.2022
315.000				-.0257	-.0457	-.0603	.0267

ALPHA (3) = 4.723 BETA (1) = -.082 MACH = 2.2000 RN/L = 3.2782 Q(PSF) = 689.33 P = 203.46

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0391		-.0332	-.0311	-.0292	-.0441	-.0237
45.000				-.0484			
90.000			-.0346	-.0486	-.0715	-.0759	.0456
135.000				-.1012	-.0800	.0067	
141.000							.3714
180.000			-.0598	-.0849	-.0837	-.0932	
186.000							.1071

ARC97-044!A82 OTS(SRB=NOM MPS=NOM) ET-BASE-- (REGH84)

ALPHA (3) = 4.723 BETA (1) = -.082

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2198
225.000				-.0589			
270.000		-.0373	-.0398	.0042			.1333
315.000				-.0294	-.0622	-.0513	-.0161

DATE 06 FEB 76 TABULATED SOURCE DATA - 1A82B (RE6HB5) (14 MAR 75)

AP097-044;A82 OTS(MPS) OFF SRB=MPS=NOM)ET-BASE--

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1920.3000 IN. YMRP = .0000 IN. YT
BREF = 1280.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -4.001 BETA (1) = -.159 MACH = 1.5552 RN/L = 4.0646 Q(PSF) = 925.47 P = 546.63

SECTION (1)ET BASE DEPENDENT VARIABLE CP

ETA	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1743		-.1784	-.1855	-.1946	-.2521	-.0620
+5.000				-.2248			
90.000			-.1835	-.1986	-.2326	-.2377	-.0614
135.000				-.2283	-.2194	-.1820	
141.000							.2634
180.000			-.2169	-.1943	-.1847	-.2101	
186.000							-.0494
213.000							.0596
225.000				-.2236			
270.000		-.1852	-.1795	-.1702			.0791
315.000				-.1838	-.2101	-.2200	-.1063

ALPHA (2) = -.132 BETA (1) = -4.079 MACH = 1.5552 RN/L = 4.0566 Q(PSF) = 924.46 P = 546.03

SECTION (1)ET BASE DEPENDENT VARIABLE CP

ETA	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1744		-.1973	-.2139	-.2190	-.2462	-.0358
+5.000				-.2023			
90.000			-.2081	-.2256	-.2619	-.2832	-.1403
135.000				-.2344	-.2096	-.0948	
141.000							.5007
180.000			-.1997	-.2047	-.2081	-.2084	
186.000							-.0749
213.000							.0237
225.000				-.2008			
270.000		-.1778	-.1744	-.1678			-.0526
315.000				-.1686	-.1903	-.1995	-.1332

ARC97-044IA82 OTS(MPS) OFF SRB=MPS=NOM)ET-BASE-- (RE6485)

ALPHA (2) = -.031 BETA (2) = -.171 MACH = 1.5552 RN/L = 4.0565 Q(PSF) = 924.46 P = 545.03

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1659		-.1644	-.1679	-.1792	-.2406	-.0489
45.000				-.1952			
90.000			-.1803	-.1883	-.2223	-.2484	-.1145
135.000				-.2034	-.1938	-.1666	
141.000							.3529
180.000			-.1854	-.1747	-.1679	-.2004	
186.000							.0052
219.000							.1185
225.000				-.1951			
270.000		-.1727	-.1716	-.1795			-.0028
315.000				-.1608	-.1792	-.1877	-.0927

ALPHA (2) = -.042 BETA (3) = 3.897 MACH = 1.5552 RN/L = 4.0565 Q(PSF) = 924.46 P = 545.03

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1669		-.1876	-.1968	-.2023	-.2337	-.0252
45.000				-.2053			
90.000			-.1721	-.1799	-.2071	-.2215	-.1403
135.000				-.1939	-.2059	-.2475	
141.000							.0392
180.000			-.1947	-.2333	-.2657	-.3138	
186.000							-.0696
219.000							.3532
225.000				-.1913			
270.000		-.1777	-.1824	-.1766			-.0354
315.000				-.1807	-.2137	-.2395	-.0573

ALPHA (3) = 4.002 BETA (1) = -.165 MACH = 1.5552 RN/L = 4.0427 Q(PSF) = 923.36 P = 545.38

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1533		-.1540	-.1603	-.1687	-.2323	-.0381
45.000				-.1869			
90.000			-.1709	-.1858	-.2014	-.2395	-.1787
135.000				-.1678	-.1722	-.1662	
141.000							.4199
180.000			-.1633	-.1600	-.1653	-.1806	
186.000							.0681

ARCS7-044IA82 OTS(MPSI OFF SRB=MPS=NOM)ET-BASE-- (RE6465)

ALPHA(3) = -.002 BETA (1) = -.165

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RCD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2038
225.000				-.1929			
270.000		.1647	-.1829	-.1795			-.0742
315.000				-.1433	-.1612	-.1761	-.0958

ARC97-044IA82 OTS(MPS1 OFF SRB=MPS=NOM)ET-BASE-- (RE6H86) (14 MAR 75)

REFERENCE DATA

SREF = 2680.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.669 BETA (1) = -.099 MACH = 2.0012 RN/L = 3.6228 Q(PSF) = 774.98 P = 276.45

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0831		-.0959	-.1092	-.1185	-.1441	-.0330
45.000				-.1515			
90.000			-.1032	-.1162	-.1247	-.1447	.1029
135.000				-.0940	-.0886	-.0549	
141.000							.2660
180.000			-.0906	-.0860	-.0765	-.0862	
186.000							.0332
219.000							.2015
225.000				-.1469			
270.000		-.0940	-.0951	-.0648			.2172
315.000				-.1232	-.1412	-.1447	-.0251

ALPHA (2) = .295 BETA (1) = -4.037 MACH = 2.0012 RN/L = 3.6336 Q(PSF) = 778.27 P = 277.62

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0790		-.1047	-.1060	-.1129	-.1284	-.0411
45.000				-.1034			
90.000			-.1213	-.1454	-.1750	-.1829	.1016
135.000				-.1317	-.0897	.0203	
141.000							.4502
180.000			-.0947	-.0970	-.0950	-.0985	
186.000							.0214
219.000							.0823
225.000				-.1303			
270.000		-.0896	-.0910	-.0632			.0783
315.000				-.1063	-.1239	-.1250	-.0553

ARC97-044IA82 OTS(MPSI OFF SRB=MPS=NOM)ET-BASE-- (RESH86)

ALPHA (2) = .315 BETA (2) = -.123 MACH = 2.0012 RN/L = 3.6336 Q(PSF) = 778.27 P = 277.62

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RCD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0653		-.0651	-.0648	-.0698	-.0917	-.0390
45.000				-.1057			
90.000			-.0692	-.0828	-.1061	-.1059	.0959
135.000				-.1234	-.1119	-.0372	
141.000							.3368
180.000			-.1045	-.1126	-.1030	-.1228	
188.000							.0712
270.000							.2255
225.000				-.1461			
270.000		-.0599	-.0706	-.0452			.1570
315.000				-.0893	-.1121	-.1203	-.0214

ALPHA (2) = .299 BETA (3) = 3.945 MACH = 2.0012 RN/L = 3.6336 Q(PSF) = 778.27 P = 277.62

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RCD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0603		-.0691	-.0634	-.0641	-.0846	-.0389
45.000				-.0931			
90.000			-.0694	-.0805	-.0982	-.1208	.0265
135.000				-.0925	-.1188	-.1340	
141.000							.1438
180.000			-.0856	-.1162	-.1176	-.1192	
188.000							.0678
270.000							.3850
225.000				-.1508			
270.000		-.1685	-.0739	-.0523			.1695
315.000				-.0747	-.0906	-.0997	.0130

ALPHA (3) = 4.158 BETA (1) = -.114 MACH = 2.0012 RN/L = 3.6115 Q(PSF) = 777.00 P = 277.17

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RCD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0703		-.0648	-.0687	-.0730	-.1002	-.0207
45.000				-.1024			
90.000			-.0864	-.0951	-.1281	-.1230	.0220
135.000				-.0833	-.0806	-.0052	
141.000							.4233
180.000			-.0756	-.0758	-.0728	-.0874	
188.000							.1201

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044IA82 OTS(MPS) OFF SRB=MPS=NOM)ET-BASE-- (RE6H86)

ALPHA 3 = 4.158 BETA (1) = -.114

SECTION 1 ET BASE DEPENDENT VARIABLE CP

P-MOD	.0010	.4500	.6350	.8400	.8950	.9450	1.0000
PHI							
210.000							.2429
225.000				-.1094			
270.000		-.0709	-.0751	-.0624			.0990
315.000				-.0511	-.0890	-.0984	-.0306

ARC97-044IA82 OTS(MPS1 OFF SRB=MPS=NOM)ET-BASE-- (RE6H87) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1293.3000 IN. YMRP = .0000 IN. YT
BREF = 1293.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.460 BETA (1) = -.104 MACH = 2.2005 RN/L = 3.3227 Q(PSF) = 688.88 P = 203.24

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0498		-.0584	-.0640	-.0685	-.0912	-.0243
45.000				-.0642			
90.000			-.0772	-.0953	-.0951	-.0953	.1228
135.000				-.0469	-.0435	.0008	
141.000							.2920
180.000			-.0504	-.0403	-.0342	-.0383	
186.000							.0750
219.000							.2461
225.000				-.0875			
270.000		-.0586	-.0609	-.0297			.2253
315.000				-.0478	-.0592	-.0691	.0122

ALPHA (2) = .469 BETA (1) = -4.026 MACH = 2.2005 RN/L = 3.3217 Q(PSF) = 691.27 P = 203.94

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0497		-.0599	-.0622	-.0622	-.0713	-.0515
45.000				-.0671			
90.000			-.0976	-.1073	-.1049	-.1040	.1469
135.000				-.0857	-.0657	.0241	
141.000							.4477
180.000			-.0678	-.0674	-.0630	-.0659	
186.000							.0391
219.000							.0895
225.000				-.0848			
270.000		-.0564	-.0544	-.0307			.1022
315.000				-.0525	-.0559	-.0715	-.0406

ARC97-044IA82 OTS(MPSI OFF SRB=MPS=NOM)ET-BASE-- (RE6H87)

ALPHA (2) = .493 BETA (2) = -.113 MACH = 2.2005 RN/L = 3.3217 Q(PSF) = 691.27 P = 203.94

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0439		-.0480	-.0474	-.0475	-.0604	-.0384
45.000				-.0531			
90.000			-.0519	-.0827	-.0843	-.0781	.1261
135.000				-.0599	-.0520	.0051	
141.000							.3451
180.000			-.0502	-.0517	-.0428	-.0465	
186.000							.0854
219.000							.2237
225.000				-.0648			
270.000		-.0468	-.0424	-.0286			.1884
315.000				-.0362	-.0479	-.0575	-.0017

ALPHA (2) = .484 BETA (3) = 3.952 MACH = 2.2005 RN/L = 3.3217 Q(PSF) = 691.27 P = 203.94

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0278		-.0338	-.0315	-.0293	-.0371	-.0494
45.000				-.0385			
90.000			-.0413	-.0452	-.0572	-.0880	.0199
135.000				-.0481	-.0503	-.0691	
141.000							.1939
180.000			-.0518	-.0745	-.0734	-.0827	
186.000							.1161
219.000							.4086
225.000				-.0614			
270.000		-.0381	-.0442	.0002			.2039
315.000				-.0240	-.0427	-.0554	.0276

ALPHA (3) = 4.500 BETA (1) = -.110 MACH = 2.2005 RN/L = 3.3202 Q(PSF) = 692.02 P = 204.16

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0439		-.0363	-.0322	-.0340	-.0459	-.0257
45.000				-.0503			
90.000			-.0380	-.0478	-.0757	-.0789	.0486
135.000				-.1055	-.0787	.0073	
141.000							.3773
180.000			-.0647	-.0938	-.0857	-.0964	
186.000							.1076

ARC97-0441A82 OTS(MPS) OFF SRB=MPS=NOM)ET-BASE-- (RE6H87)

ALPHA (3) = 4.500 BETA (1) = -.110

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2170
225.000				-.0913			
270.000		-.0413	-.0410	.0016			.1342
315.000				-.0319	-.0650	-.0804	-.0146

ARC97-044IA82 OTS(MPS2 OFF SRB=MPS=NOM)ET-BASE-- (RE6H88) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1291.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0400

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -3.959 BETA (1) = -.140 MACH = 1.5562 RN/L = 4.1089 Q(PSF) = 925.00 P = 545.69

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1877		-.1937	-.1992	-.2118	-.2637	-.0605
45.000				-.2408			
90.000			-.1993	-.2126	-.2495	-.2450	-.0516
135.000				-.2713	-.2560	-.2054	
141.000							.2733
180.000			-.2413	-.2238	-.2147	-.2379	
196.000							-.0480
219.000							.0586
225.000				-.2236			
270.000		-.1968	-.1966	-.2204			.0779
315.000				-.1819	-.1972	-.2106	-.1083

ALPHA (2) = -.039 BETA (1) = -4.085 MACH = 1.5562 RN/L = 4.0995 Q(PSF) = 924.20 P = 545.21

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1854		-.2053	-.2224	-.2291	-.2536	-.0399
45.000				-.2118			
90.000			-.2156	-.2338	-.2714	-.2919	-.1392
135.000				-.2605	-.2272	-.1084	
141.000							.5055
180.000			-.2315	-.2429	-.2430	-.2428	
196.000							-.0731
219.000							.0250
225.000				-.2106			
270.000		-.1870	-.1971	-.1828			-.0592
315.000				-.1765	-.1991	-.2106	-.1298

ARC97-044IA82 OTS(MPS2 OFF SRB=MPS=NOM)ET-BASE-- (RE6H88)

ALPHA (2) = .005 BETA (2) = -.171 MACH = 1.5562 RN/L = 4.0995 Q(PSF) = 924.20 P = 545.21

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1749		-.1815	-.1848	-.2004	-.2588	-.0507
45.000				-.2020			
90.000			-.1953	-.2049	-.2450	-.2616	-.1147
135.000				-.2344	-.2294	-.1839	
141.000							.3574
180.000			-.2189	-.2135	-.2085	-.2471	
185.000							.0078
219.000							.1308
225.000				-.1993			
270.000		-.1810	-.2033	-.1944			-.0017
315.000				-.1827	-.2042	-.2216	-.0940

ALPHA (3) = -.019 BETA (3) = 3.900 MACH = 1.5562 RN/L = 4.0995 Q(PSF) = 924.20 P = 545.21

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1877		-.2105	-.2238	-.2266	-.2588	-.0233
45.000				-.2235			
90.000			-.1903	-.1997	-.2305	-.2331	-.1330
135.000				-.2154	-.2277	-.2631	
141.000							.0363
180.000			-.2112	-.2607	-.2822	-.3250	
185.000							-.0685
219.000							.3539
225.000				-.2109			
270.000		-.2012	-.2046	-.1982			-.0377
315.000				-.2072	-.2379	-.2659	-.0586

ALPHA (3) = 4.105 BETA (1) = -.137 MACH = 1.5562 RN/L = 4.0868 Q(PSF) = 924.40 P = 545.33

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1756		-.1793	-.1887	-.2024	-.2602	-.0380
45.000				-.2323			
90.000			-.1947	-.2117	-.2379	-.2674	-.1799
135.000				-.1896	-.1942	-.1784	
141.000							.4160
180.000			-.1870	-.1829	-.1788	-.2036	
185.000							.0801

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044IA82 OTS(MPS2 OFF SRB=MPS=NOM)ET-BASE-- (RE6H88)

ALPHA (3) = 4.105 BETA (1) = -.137

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2129
225.000				-.2117			
270.000		-.1885	-.2086	-.2011			-.0884
315.000				-.1736	-.1917	-.2139	-.0961

ARC97-044:A82 OTS(MPS2 OFF SRB=MPS=NOM)ET-BASE-- (RE6H89) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.651 BETA (1) = -.089 MACH = 2.0003 RN/L = 3.5450 Q(PSF) = 776.14 P = 277.12

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0991		-.1112	-.1210	-.1276	-.1472	-.0322
45.000				-.1232			
90.000			-.1201	-.1437	-.1430	-.1430	.0976
135.000				-.1159	-.1073	-.0628	
141.000							.2625
180.000			-.1117	-.1095	-.1000	-.1141	
186.000							.0325
219.000							.2021
225.000				-.1302			
270.000		-.1150	-.1168	-.0972			.1880
315.000				-.0982	-.1101	-.1238	-.0193

ALPHA (2) = .310 BETA (1) = -4.033 MACH = 2.0003 RN/L = 3.5415 Q(PSF) = 775.38 P = 276.84

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0955		-.1184	-.1260	-.1316	-.1452	-.0433
45.000				-.1270			
90.000			-.1548	-.1628	-.1644	-.1646	.0949
135.000				-.1562	-.1110	.0108	
141.000							.4472
180.000			-.1242	-.1259	-.1224	-.1292	
186.000							.0227
219.000							.0799
225.000				-.1286			
270.000		-.1024	-.0964	-.0870			.0697
315.000				-.0873	-.1033	-.1129	-.0590

ARC97-044IA82 OTS(MPS2 OFF SRB=MPS=NOM)ET-BASE-- (RE6H89)

ALPHA (2) = .326 BETA (2) = -.123 MACH = 2.0003 RN/L = 3.5415 Q(PSF) = 775.38 P = 276.84

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0362		-.0904	-.0904	-.0965	-.1194	-.0418
45.000				-.1307			
90.000			-.0946	-.1100	-.1308	-.1347	.0912
135.000				-.1389	-.1149	-.0453	
141.000							.3415
180.000			-.1166	-.1263	-.1200	-.1382	
186.000							.0711
219.000							.2250
225.000				-.1093			
270.000		-.0928	-.0910	-.0910			.1530
315.000				-.0785	-.0915	-.1042	-.0232

ALPHA (2) = .306 BETA (3) = 3.945 MACH = 2.0003 RN/L = 3.5415 Q(PSF) = 775.38 P = 276.84

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0949		-.1082	-.1094	-.1128	-.1277	-.0419
45.000				-.1287			
90.000			-.1045	-.1105	-.1181	-.1605	.0285
135.000				-.1074	-.1114	-.1328	
141.000							.1462
180.000			-.1116	-.1545	-.1561	-.1671	
186.000							.0666
219.000							.3838
225.000				-.1185			
270.000		-.1113	-.1137	-.0800			.1647
315.000				-.1009	-.1280	-.1429	.0123

ALPHA (3) = 4.476 BETA (1) = -.089 MACH = 2.0003 RN/L = 3.5410 Q(PSF) = 776.14 P = 277.12

SECTION (1)ET BASE DEPENDENT VARIABL. CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0837		-.0831	-.0895	-.0980	-.1245	-.0234
45.000				-.1136			
90.000			-.0977	-.1076	-.1484	-.1451	.0155
135.000				-.1270	-.1099	-.0279	
141.000							.4225
180.000			-.1082	-.1164	-.1165	-.1319	
186.000							.1318

ARC97-044IA82 OTS(MPS2 OFF SRB=MPS=NOM)ET-BASE-- (RE6H89)

ALPHA (3) = 4.476 BETA (1) = -.089

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROL	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.2541
225.000				-.0957			
270.000		-.0864	-.0928	-.0646			.0911
315.000				-.0846	-.1134	-.1264	-.0331

ARC97-044IA82 OTS(MPS2 OFF SRB=MPS=NOM)ET-BASE-- (RE6H90) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.433 BETA (1) = -.085 MACH = 2.2005 RN/L = 3.2667 Q(PSF) = 687.76 P = 202.91

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0662		-.0771	-.0874	-.0927	-.1134	-.0257
45.000				-.0858			
90.000			-.0899	-.1130	-.1152	-.1138	.1194
135.000				-.0812	-.0764	-.0274	
141.000							.2932
180.000			-.0765	-.0721	-.0668	-.0786	
196.000							.0723
219.000							.2466
225.000				-.0953			
270.000		-.0785	-.0798	-.0472			.2113
315.000				-.0668	-.0795	-.0900	.0104

ALPHA (2) = .468 BETA (1) = -4.030 MACH = 2.2005 RN/L = 3.2642 Q(PSF) = 688.28 P = 203.06

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/RCO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0587		-.0856	-.0924	-.0932	-.1027	-.0502
45.000				-.0924			
90.000			-.1210	-.1243	-.1220	-.1197	.1447
135.000				-.1084	-.0767	.0196	
141.000							.4473
180.000			-.0924	-.0913	-.0876	-.0942	
196.000							.0422
219.000							.0893
225.000				-.0987			
270.000		-.0763	-.0705	-.0409			.0926
315.000				-.0603	-.0765	-.0825	-.0397

ARC97-044IA82 OTS(MPS2 OFF SRB=MPS=NOM)ET-BASE-- (REEHSD)

ALPHA (2) = .523 BETA (2) = -.119 MACH = 2.2005 RN/L = 3.2642 Q(PSF) = 699.28 P = 203.06

SECTION ( )E BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0573		-.0651	-.0653	-.0543	-.0789	-.0422
45.000				-.0688			
90.000			-.0727	-.0845	-.0849	-.0802	.1176
135.000				-.1006	-.0705	-.0138	
141.000							.3468
180.000			-.0907	-.0883	-.0874	-.0965	
185.000							.0855
219.000							.2230
225.000				-.0828			
270.000		-.0547	-.0557	-.0383			.1744
315.000				-.0432	-.0649	-.0779	-.0035

ALPHA (2) = .514 BETA (3) = 3.952 MACH = 2.2005 RN/L = 3.2642 Q(PSF) = 699.28 P = 203.06

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0591		-.0695	-.0670	-.0687	-.0799	-.0536
45.000				-.0759			
90.000			-.0747	-.0767	-.0878	-.1133	.0208
135.000				-.0734	-.0772	-.0922	
141.000							.1962
180.000			-.0780	-.1082	-.1092	-.1160	
185.000							.1174
219.000							.4097
225.000				-.0929			
270.000		-.0705	-.0753	-.0225			.2016
315.000				-.0617	-.0861	-.0973	.0273

ALPHA (3) = 4.693 BETA (1) = -.085 MACH = 2.2005 RN/L = 3.2750 Q(PSF) = 699.10 P = 203.30

SECTION ( )ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0564		-.0540	-.0595	-.0605	-.0795	-.0244
45.000				-.0756			
90.000			-.0603	-.0719	-.1051	-.1071	.0464
135.000				-.1135	-.0871	.0010	
141.000							.3811
180.000			-.0748	-.1026	-.1018	-.1092	
185.000							.1136

ARC97-044IA82 OTS(MPS2 OFF SRB=MPS=NOM)ET-BASE-- (RE6H90)

ALPHA (3) = 4.693 BETA (1) = -.085

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

PERIOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
210.000							.2305
225.000				-.0698			
270.000		-.0572	-.0535	-.0186			.1254
315.000				-.0427	-.0720	-.0838	-.0171

ARC97-0441A82 OTS+RING(SRB=MPS=OFF) ET-BASE-- (RE6H91) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -3.915 BETA (1) = -.144 MACH = 1.5557 RN/L = 4.0413 Q(PSF) = 925.39 P = 546.24

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2767		-.3044	-.3202	-.3364	-.3496	.1144
45.000				-.3135			
90.000			-.3081	-.3065	-.3056	-.3048	.0000
135.000				-.3056	-.3119	-.3116	
141.000							.0000
180.000			-.3112	-.3184	-.3182	-.3126	
186.000							.0000
219.000							.0000
225.000				-.3023			
270.000		-.3046	-.3089	-.2857			.0000
315.000				-.2889	-.3142	-.3134	-.0245

ALPHA (2) = .039 BETA (1) = -4.085 MACH = 1.5557 RN/L = 4.0268 Q(PSF) = 924.28 P = 545.59

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2612		-.2917	-.3093	-.3156	-.3290	.1350
45.000				-.3193			
90.000			-.3242	-.3405	-.3401	-.3344	.0000
135.000				-.3451	-.3650	-.3531	
141.000							.0000
180.000			-.3036	-.3163	-.3142	-.3106	
186.000							.0000
219.000							.0000
225.000				-.2796			
270.000		-.2851	-.2908	-.2707			.0000
315.000				-.2709	-.2972	-.2970	-.0409

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044IA82 OTS+RING(SRB=MPS=OFF) ET-BASE-- (RE6H91)

ALPHA (2) = .052 BETA (2) = -.171 MACH = 1.5557 RN/L = 4.0268 Q(PSF) = 924.28 P = 545.59

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2631		-.2889	-.3061	-.3235	-.3354	.1261
45.000				-.3020			
90.000			-.3073	-.3152	-.3151	-.3125	.0000
135.000				-.3056	-.3174	-.3295	
141.000							.0000
180.000			-.2949	-.2969	-.2960	-.2932	
186.000							.0000
219.000							.0000
225.000				-.2872			
270.000		-.2912	-.2938	-.2777			.0000
315.000				-.2745	-.3008	-.2997	-.0002

ALPHA (2) = .055 BETA (3) = 3.897 MACH = 1.5557 RN/L = 4.0268 Q(PSF) = 924.28 P = 545.59

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2709		-.3084	-.3260	-.3327	-.3465	.1815
45.000				-.3038			
90.000			-.2988	-.2955	-.2943	-.2928	.0000
135.000				-.2842	-.2797	-.2745	
141.000							.0000
180.000			-.2867	-.2869	-.2843	-.2791	
186.000							.0000
219.000							.0000
225.000				-.3038			
270.000		-.3004	-.3030	-.2857			.0000
315.000				-.2846	-.3109	-.3100	.0354

ALPHA (3) = 4.195 BETA (1) = -.137 MACH = 1.5557 RN/L = 4.0232 Q(PSF) = 924.78 P = 545.89

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.2525		-.2737	-.3007	-.3145	-.3253	.1365
45.000				-.3020			
90.000			-.2963	-.3107	-.3104	-.3033	.0000
135.000				-.2629	-.2355	-.3741	
141.000							.0000
180.000			-.2631	-.2556	-.2520	-.2533	
186.000							.0000

ARC97-044IA82 OTS+RING(SRB=MPS=OFF) ET-BASE-- (RE6H91)

ALPHA (3) = 4.195 BETA (1) = -.137

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.0000
225.000				-.2626			
270.000		-.2763	-.2757	-.2589			.0000
315.000				-.2566	-.2819	-.2815	.0010

ARC97-044IA82 OTS+RING(SRB=MPS=NOM) ET-BASE-- (RE6H92) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -3.962 BETA (1) = -.140 MACH = 1.5557 RN/L = 4.0173 Q(PSF) = 925.08 P = 546.07

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1674		-.1801	-.1812	-.1781	-.1754	.1146
45.000				-.1810			
90.000			-.1801	-.1803	-.1783	-.1775	.0000
135.000				-.1823	-.1850	-.1853	
141.000							.0000
180.000			-.1958	-.1995	-.2087	-.1989	
186.000							.0000
219.000							.0000
225.000				-.1955			
270.000		-.1829	-.1855	-.1789			.0000
315.000				-.1614	-.1714	-.1697	-.0217

ALPHA (2) = -.008 BETA (1) = -4.085 MACH = 1.5557 RN/L = 4.0107 Q(PSF) = 923.98 P = 545.41

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1633		-.1881	-.1815	-.1820	-.1830	.1391
45.000				-.1823			
90.000			-.1895	-.1915	-.1896	-.1882	.0000
135.000				-.1975	-.2089	-.2057	
141.000							.0000
180.000			-.1794	-.1786	-.1791	-.1747	
186.000							.0000
219.000							.0000
225.000				-.1935			
270.000		-.1679	-.1739	-.1925			.0000
315.000				-.1572	-.1675	-.1656	-.0363

ARC97-044IA82 OTS+RING(SRB=MPS=NOM) ET-BASE-- (RE6H92)

ALPHA (2) = -.002 BETA (2) = -.171 MACH = 1.5557 RN/L = 4.0107 Q(PSF) = 923.98 P = 545.41

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1582		-.1748	-.1772	-.1763	-.1740	.1283
45.000				-.1738			
90.000			-.1766	-.1737	-.1717	-.1699	.0000
135.000				-.1789	-.1817	-.1925	
141.000							.0000
180.000			-.1797	-.1823	-.1868	-.1811	
186.000							.0000
219.000							.0000
225.000				-.1758			
270.000		-.1697	-.1758	-.1728			.0000
315.000				-.1576	-.1691	-.1675	-.0006

ALPHA (2) = -.023 BETA (3) = 3.897 MACH = 1.5557 RN/L = 4.0107 Q(PSF) = 923.98 P = 545.41

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1653		-.1835	-.1799	-.1788	-.1796	.1867
45.000				-.1746			
90.000			-.1739	-.1729	-.1710	-.1685	.0000
135.000				-.1676	-.1639	-.1605	
141.000							.0000
180.000			-.1739	-.1699	-.1666	-.1645	
186.000							.0000
219.000							.0000
225.000				-.1780			
270.000		-.1725	-.1760	-.1694			.0000
315.000				-.1625	-.1750	-.1742	.0388

ALPHA (3) = 4.068 BETA (1) = -.165 MACH = 1.5557 RN/L = 4.0054 Q(PSF) = 925.39 P = 546.24

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1511		-.1767	-.1821	-.1799	-.1790	.1382
45.000				-.1779			
90.000			-.1770	-.1775	-.1749	-.1719	.0000
135.000				-.1545	-.1313	-.2375	
141.000							.0000
180.000			-.1564	-.1594	-.1664	-.1586	
186.000							.0000

ARC97-044IA82 OTS+RING(SRB=MPS=NOM) ET-BASE-- (RE6H92)

ALPHA (3, = -.368 BETA (1) = -.165

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.0000
225.000				-.1630			
270.000		-.1678	-.1727	-.1610			.0000
315.000				-.1563	-.1696	-.1684	.0057

ARC97-044IA82 OTS+RING(SRB=N++ MPS=NOM)ET-BASE-- (RE6H93) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

ALPHA (1) = -4.022 BETA (1) = -.162 MACH = 1.5557 RN/L = 4.0036 Q(PSF) = 925.39 P = 546.24

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0645		-.0717	-.0734	-.0696	-.0699	.1166
45.000				-.0728			
90.000			-.0736	-.0752	-.0728	-.0711	.0000
135.000				-.0854	-.0820	-.0883	
141.000							.0000
180.000			-.0749	-.0856	-.0863	-.0794	
186.000							.0000
219.000							.0000
225.000				-.0829			
270.000		-.0722	-.0780	-.0903			.0000
315.000				-.0668	-.0699	-.0683	-.0202

ALPHA (2) = -.045 BETA (1) = -4.085 MACH = 1.5557 RN/L = 3.9990 Q(PSF) = 923.28 P = 545.00

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0656		-.0798	-.0712	-.0694	-.0694	.1413
45.000				-.0735			
90.000			-.0785	-.0857	-.0825	-.0782	.0000
135.000				-.0722	-.1133	-.1451	
141.000							.0000
180.000			-.0687	-.0702	-.0697	-.0663	
186.000							.0000
219.000							.0000
225.000				-.0825			
270.000		-.0596	-.0615	-.0863			.0000
315.000				-.0537	-.0579	-.0557	-.0349

ARC97-044IA82 OTS+RING(SRB=N++ MPS=NOM)ET-BASE-- (RE6H93)

ALPHA (2) = -.032 BETA (2) = -.171 MACH = 1.5557 RN/L = 3.9990 Q(PSF) = 923.28 P = 545.00

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0539		-.0573	-.0571	-.0541	-.0532	.1332
45.000				-.0571			
90.000			-.0596	-.0620	-.0584	-.0577	.0000
135.000				-.0700	-.0632	-.0809	
141.000							.0000
180.000			-.0725	-.0723	-.0763	-.0701	
186.000							.0000
219.000							.0000
225.000				-.0688			
270.000		-.0557	-.0596	-.0834			.0000
315.000				-.0487	-.0518	-.0517	.0039

ALPHA (2) = -.052 BETA (3) = 3.897 MACH = 1.5557 RN/L = 3.9990 Q(PSF) = 923.28 P = 545.00

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0642		-.0813	-.0709	-.0672	-.0664	.1904
45.000				-.0511			
90.000			-.0482	-.0514	-.0518	-.0465	.0000
135.000				-.0560	-.0531	-.0490	
141.000							.0000
180.000			-.0696	-.0626	-.0581	-.0567	
186.000							.0000
219.000							.0000
225.000				-.0717			
270.000		-.0695	-.0765	-.0707			.0000
315.000				-.0667	-.0699	-.0683	.0431

ALPHA (3) = 4.008 BETA (1) = -.169 MACH = 1.5557 RN/L = 3.9952 Q(PSF) = 924.48 P = 545.71

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0510		-.0624	-.0624	-.0603	-.0596	.1422
45.000				-.0630			
90.000			-.0613	-.0605	-.0581	-.0560	.0000
135.000				-.0539	-.0537	-.0866	
141.000							.0000
180.000			-.0521	-.0562	-.0682	-.0570	
186.000							.0000

DATE 05 FEB 76 TABULATED SOURCE DATA - IA82B (RE6H93)

ARC97-044IA82 OTS+RING(SRB=N++ MPS=NOM)ET-BASE--

ALPHA (3) = 4.008 BETA (1) = -.169

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.0000
225.000				-.0572			
270.000		-.0539	-.0618	-.0541			.0000
315.000				-.0491	-.0558	-.0527	.0130

ARC97-044IA82 OTS+RING(SRB=MPS=OFF) ET-BASE-- (RE6H94) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.587 BETA (1) = -.092 MACH = 2.0003 RN/L = 3.5578 Q(PSF) = 776.64 P = 277.30

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1962		-.2247	-.2565	-.2723	-.2834	.0720
45.000				-.2404			
90.000			-.2366	-.2380	-.2408	-.2405	.0000
135.000				-.2336	-.2461	-.2493	
141.000							.0000
180.000			-.2373	-.2532	-.2569	-.2533	
185.000							.0000
219.000							.0000
225.000				-.2346			
270.000		-.2307	-.2353	-.1670			.0000
315.000				-.2028	-.2480	-.2513	.0247

ALPHA (2) = .270 BETA (1) = -4.036 MACH = 2.0003 RN/L = 3.5561 Q(PSF) = 777.15 P = 277.48

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1880		-.2039	-.2099	-.2225	-.2483	.0681
45.000				-.2161			
90.000			-.2258	-.2314	-.2308	-.2319	.0000
135.000				-.2444	-.2478	-.2469	
141.000							.0000
180.000			-.2332	-.2462	-.2443	-.2395	
186.000							.0000
213.000							.0000
225.000				-.2154			
270.000		-.2135	-.2190	-.1551			.0000
315.000				-.1330	-.2130	-.2439	-.0129

ARC97-044IA82 OTS+RING(SRB=MPS=OFF) ET-BASE-- (RE6H94)

ALPHA (2) = .373 BETA (2) = -.123 MACH = 2.0003 RN/L = 3.5561 Q(PSF) = 777.15 P = 277.48

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1388		-.2123	-.2306	-.2415	-.2628	.0622
45.000				-.2222			
90.000			-.2253	-.2262	-.2245	-.2261	.0000
135.000				-.2222	-.2294	-.2424	
141.000							.0000
180.000			-.2275	-.2468	-.2499	-.2449	
185.000							.0000
219.000							.0000
225.000				.2234			
270.000		-.2181	-.2236	-.1576			.0000
315.000				-.1910	-.2347	-.2393	.0316

ALPHA (2) = .353 BETA (3) = 3.945 MACH = 2.0003 RN/L = 3.5561 Q(PSF) = 777.15 P = 277.48

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1932		-.2124	-.2200	-.2250	-.2462	.0887
45.000				-.2343			
90.000			-.2173	-.2217	-.2181	-.2185	.0000
135.000				-.2129	-.2104	-.2086	
141.000							.0000
180.000			-.2195	-.2199	-.2174	-.2139	
185.000							.0000
219.000							.0000
225.000				-.2341			
270.000		-.2266	-.2266	-.1607			.0000
315.000				-.1828	-.2207	-.2212	.0716

ALPHA (3) = 4.529 BETA (1) = -.089 MACH = 2.0003 RN/L = 3.5651 Q(PSF) = 777.91 P = 277.75

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1835		-.1922	-.2143	-.2267	-.2479	.0938
45.000				-.2228			
90.000			-.2196	-.2284	-.2212	-.2208	.0000
135.000				-.2178	-.2234	-.2291	
141.000							.0000
180.000			-.2111	-.2149	-.2122	-.2089	
186.000							.0000

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

DATE 06 FEB 85 TABULATED SOURCE DATA - IA828

ARC97-044IA82 OTS+RING(SRB=MPS=OFF) ET-BASE-- (REENS+)

ALPHA (3) = +.639 BETA (1) = -.089

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/RDD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.0000
235.000				-.2027			
270.000		-.2019	-.2058	-.1484			.0000
315.000				-.1839	-.2232	-.2234	.0198

AP097-044(A82 OTS+RING(SRB=MPS=NOM) ET-BASE-- (REBAR35) (1- MAR 75)

REFERENCE DATA

XREF = 2690.0000 IN. XMRP = 976.0000 IN. XT
YREF = 1290.3000 IN. YMRP = .0000 IN. YT
ZREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.624 BETA (1) = -.095 MACH = 2.0003 RN/L = 3.5565 Q(PSF) = 778.15 P = 277.84

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RTO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0750		-.0894	-.0900	-.0872	-.0363	.0776
45.000				-.0898			
90.000			-.0938	-.0962	-.0939	-.0928	.0000
135.000				-.0872	-.0656	-.1258	
141.000							.0000
180.000			-.0956	-.0889	-.1073	-.0996	
185.000							.0000
219.000							.0000
225.000				-.0914			
270.000		-.0978	-.0927	-.0547			.0000
315.000				-.0744	-.0846	-.0835	.0260

ALPHA (2) = .250 BETA (1) = -4.033 MACH = 2.0003 RN/L = 3.5516 Q(PSF) = 777.57 P = 277.63

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RTO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0747		-.0855	-.0907	-.0901	-.0887	.0734
45.000				-.0931			
90.000			-.1139	-.1165	-.1123	-.1066	.0000
135.000				-.1015	-.1565	-.1379	
141.000							.0000
180.000			-.0849	-.0842	-.0968	-.0810	
185.000							.0000
219.000							.0000
225.000				-.0924			
270.000		-.0832	-.0873	-.0557			.0000
315.000				-.0766	-.0881	-.0870	-.0129

DATE 05 FEB 76 TABULATED SOURCE DATA - IA82B

AP097-044IA82 OTS+RING/SRB=MPS=NOM) ET-BASE-- (RE6H95)

ALPHA (2) = .337 BETA (2) = -.123 MACH = 2.0003 RN/L = 3.5516 Q(PSF) = 777.57 P = 277.63

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0667		-.0740	-.0757	-.0720	-.0718	.0694
45.000				-.0740			
90.000			-.0749	-.0726	-.0722	-.0707	.0000
135.000				-.0753	-.0890	-.0919	
141.000							.0000
180.000			-.0841	-.0883	-.0932	-.0868	
186.000							.0000
219.000							.0000
225.000				-.0791			
270.000		-.0746	-.0771	-.0433			.0000
315.000				-.0581	-.0702	-.0675	.0319

ALPHA (2) = .317 BETA (3) = 3.945 MACH = 2.0003 RN/L = 3.5516 Q(PSF) = 777.57 P = 277.63

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0841		-.0680	-.0673	-.0607	-.0599	.0942
45.000				-.0735			
90.000			-.0802	-.0969	-.0881	-.0837	.0000
135.000				-.0995	-.0846	-.0813	
141.000							.0000
180.000			-.0932	-.0972	-.0828	-.0810	
186.000							.0000
219.000							.0000
225.000				-.0835			
270.000		-.0775	-.0815	-.0409			.0000
315.000				-.0521	-.0520	-.0614	.0722

ALPHA (3) = 4.476 BETA (1) = -.092 MACH = 2.0003 RN/L = 3.5432 Q(PSF) = 776.14 P = 277.12

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0841		-.0891	-.0740	-.0726	-.0727	.1003
45.000				-.0720			
90.000			-.0818	-.0802	-.0797	-.0764	.0000
135.000				-.0775	-.0768	-.1048	
141.000							.0000
180.000			-.0755	-.0753	-.0757	-.0753	
186.000							.0000

AP-737-C++IA82 OTS+RING(SRB=MPS=NOM) ET-BASE-- (REGH95)

ALPHA ( ) = 4.+75 BETA ( ) = -.092

SECTION 1 ET BASE DEPENDENT VARIABLE CP

R/RDO	.0000	.4500	.6350	.8+00	.8950	.9460	1.0000
PHI							
813.000							
824.000							.0000
870.000			-.0674				
910.000		-.0550	-.0576	-.0+16			.0000
				-.0577	-.0705	-.0696	.0206

DATE 08 FEB 75 TABULATED FORCE DATA - 1A82B

...3T-3++1A82 OTS+RING1SPB=N++ MPS=NOM+ET-BASE-- (RE6H96) (14 MAR 75)

REFERENCE DATA

SREF = 2600.0000 SQ.FT. XMRP = 476.0000 IN. XT
LREF = .000 IN. YMRP = .0000 IN. YT
BREF = 1040.0000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

ALPHA (1) = -3.584 BETA (1) = -.095 MACH = 2.0003 RN/L = 3.5417 Q(PSF) = 777.40 P = 277.57

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/BOD	.0700	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0134		.0110	.0101	.0120	.0124	.0816
45.000				.0093			
90.000			.0059	.0065	.0091	.0133	.0000
135.000				.0064	.0083	.0053	
141.000							.0000
180.000			.0238	.0194	.0149	.0250	
196.000							.0000
219.000							.0000
225.000				.0101			
270.000		.0127	.0105	.0314			.0000
315.000				.0156	.0144	.0166	.0288

ALPHA (2) = .306 BETA (1) = -4.033 MACH = 2.0003 RN/L = 3.5374 Q(PSF) = 775.54 P = 276.91

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0368		.0288	.0389	.0305	.0303	.0790
45.000				.0397			
90.000			.0167	.0244	.0129	.0213	.0000
135.000				.0398	.0360	-.0043	
141.000							.0000
180.000			.0833	.0842	.0807	.0805	
196.000							.0000
219.000							.0000
225.000				.0436			
270.000		.0478	.0389	.0856			.0000
315.000				.0462	.0767	.0371	- .0056

AP097-044(A82 OTS+RING(SRB=N++ MPS=NOM)ET-BASE-- (REEH96)

ALPHA (Z = .333 ALPHA (Y = -.123 MACH = 2.0003 RN/L = 3.5374 Q(PSF) = 775.54 P = 276.91

SECTION ( ) AT BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0370		.0372	.0354	.0370	.0383	.0789
45.000				.0336			
90.000			.0325	.0319	.0367	.0389	.0000
135.000				.0295	.0550	.0251	
141.000							.0000
167.000							
180.000			.0398	.0471	.0482	.0524	
193.000							.0000
219.000							.0000
225.000				.0378			
270.000				.0557			.0000
315.000				.0401	.0396	.0414	.0357

ALPHA (Z = .317 BETA (Y) = 3.945 MACH = 2.0003 RN/L = 3.5374 Q(PSF) = 775.54 P = 276.91

SECTION ( ) AT BASE DEPENDENT VARIABLE CP

R ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0417		.0331	.0344	.0345	.0351	.1009
45.000				.0414			
90.000			.0503	.0472	.0497	.0539	.0000
135.000				.0581	.0609	.0656	
141.000							.0000
167.000							
180.000			.0375	.0353	.0355	.0486	
193.000							.0000
219.000							.0000
225.000				.0284			
270.000				.0521			.0000
315.000				.0351	.0351	.0378	.0769

ALPHA (Z = 4.478 BETA (Y) = -.089 MACH = 2.0003 RN/L = 3.5445 Q(PSF) = 777.91 P = 277.75

SECTION ( ) ET BASE DEPENDENT VARIABLE CP

R ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0482		.0480	.0473	.0472	.0475	.1103
45.000				.0473			
90.000			.0486	.0446	.0460	.0475	.0000
135.000				.0572	.0629	.0139	
141.000							.0000
167.000							
180.000			.0555	.0533	.0525	.0576	
193.000							.0000

ARC87-044 1A82 OTS+RING(SRB=N++ MPS=NOM)ET-BASE-- (RE6H95)

ALPHA (31 = 4.476 BETA (1) = -.089

SECTION 7 ET BASE DEPENDENT VARIABLE CP

R/ROD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.0000
225.000				.0486			
270.000		.0519	.0471	.0632			.0000
315.000				.0495	.0484	.0512	.0330

ARC97-044IA82 OTS+RING(SRB=MPS=OFF) ET-BASE-- (RE6H97) (14 MAR 75)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
HREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.350 BETA (1) = -.092 MACH = 2.2005 RN/L = 3.3509 Q(PSF) = 687.09 P = 202.71

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1660		-.1908	-.2304	-.2327	-.2412	.0583
45.000				-.2168			
90.000			-.2048	-.2102	-.2089	-.2096	.0000
135.000				-.2021	-.2112	-.2199	
141.000							.0000
180.000			-.2065	-.2186	-.2186	-.2199	
225.000							.0000
270.000							.0000
315.000				-.2026			
360.000		-.1966	-.2032	-.1141			.0000
315.000				-.1120	-.2155	-.2259	.0418

ALPHA (2) = .595 BETA (1) = -4.026 MACH = 2.2005 RN/L = 3.3410 Q(PSF) = 687.76 P = 202.91

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1597		-.1763	-.1829	-.1935	-.2210	.0164
45.000				-.1841			
90.000			-.1907	-.1932	-.1941	-.1964	.0000
135.000				-.2049	-.2047	-.2167	
141.000							.0000
180.000			-.2053	-.2162	-.2158	-.2142	
225.000							.0000
270.000							.0000
315.000				-.1911			
360.000		-.1843	-.1930	-.1065			.0000
315.000				-.1623	-.2164	-.2206	-.0124

AP83T-044(A82 OTS+RING(SRB=MPS=OFF) ET-BASE-- (RE6)97)

ALPHA (2) = .613 BETA (2) = -.116 MACH = 2.2005 RN/L = 3.3410 Q(PSF) = 687.76 P = 202.91

SECTION (1)ET BASE DEPENDENT VARIABLE CP

X/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1695		-.1845	-.2080	-.2129	-.2299	.0346
45.000				-.1966			
90.000			-.1942	-.1977	-.1956	-.1954	.0000
135.000				-.1983	-.1853	-.2142	
141.000							.0000
180.000			-.1979	-.2160	-.2148	-.2171	
188.000							.0000
213.000							.0000
270.000				-.1927			
315.000		-.1872	-.1935	-.1982			.0000
315.000				-.1920	-.2032	-.2138	.0367

ALPHA (2) = .585 BETA (3) = 3.952 MACH = 2.2005 RN/L = 3.3410 Q(PSF) = 687.76 P = 202.91

SECTION (1)ET BASE DEPENDENT VARIABLE CP

X/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1659		-.1878	-.1975	-.2030	-.2251	.0284
45.000				-.2051			
90.000			-.1904	-.1948	-.1906	-.1921	.0000
135.000				-.1888	-.1852	-.1857	
141.000							.0000
180.000			-.1944	-.1986	-.1935	-.1902	
188.000							.0000
213.000							.0000
270.000				-.2022			
315.000		-.1944	-.1975	-.1980			.0000
315.000				-.1920	-.2016	-.2134	.0734

ALPHA (3 = 4.710 BETA (1) = -.082 MACH = 2.2005 RN/L = 3.3371 Q(PSF) = 687.76 P = 202.91

SECTION (1 ET BASE DEPENDENT VARIABLE CP

X/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.1543		-.1790	-.1973	-.1923	-.2140	.0602
45.000				-.1799			
90.000			-.1840	-.1853	-.1842	-.1946	.0000
135.000				-.1801	-.1759	-.1958	
141.000							.0000
180.000			-.1973	-.2018	-.1931	-.1970	
188.000							.0000

AP097-044IA82 OTS+RING(SRB=MPS=OFF) ET-BASE-- (RE6H97)

ALPHA (3) = 4.710 BETA (1) = -.082

SECTION (1)ET BASE DEPENDENT VARIABLE CP

PERIOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.0000
225.000				-.1820			
270.000		-.1747	-.1811	-.0984			.0000
315.000				-.1470	-.1920	-.1935	.0205

AR097-044IA82 OTS+RING(SRB=MPS=NOM) ET-BASE-- (RE6H98) (14 MAR 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3100 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.417 BETA (1) = -.065 MACH = 2.2005 RN/L = 3.3299 Q(PSF) = 689.78 P = 203.50

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R RSD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0482		-.0578	-.0591	-.0552	-.0554	.0668
45.000				-.0582			
90.000			-.0626	-.0722	-.0689	-.0672	.0000
135.000				-.0506	-.0339	-.0985	
141.000							.0000
180.000			-.0515	-.0541	-.0749	-.0674	
206.000							.0000
225.000							.0000
265.000				-.0580			
270.000		-.0537	-.0564	-.0045			.0000
315.000				-.0416	-.0536	-.0503	.0429

ALPHA (2) = .529 BETA (1) = -4.026 MACH = 2.2005 RN/L = 3.3130 Q(PSF) = 687.76 P = 202.91

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R RSD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0495		-.0602	-.0623	-.0607	-.0611	.0260
45.000				-.0612			
90.000			-.0617	-.0750	-.0919	-.0876	.0000
135.000				-.0534	-.1212	-.1039	
141.000							.0000
180.000			-.0561	-.0489	-.0522	-.0485	
206.000							.0000
225.000							.0000
265.000				-.0604			
270.000		-.0571	-.0592	-.0120			.0000
315.000				-.0402	-.0634	-.0620	-.0095

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

TABULATED SOURCE DATA - 1A82B

ARC97-044IA82 OTS+RING(SRB=MPS=NOM) ET-BASE-- (RE6H98)

ALPHA (3) = .540 BETA (2) = -.115 MACH = 2.2005 RN/L = 3.3130 Q(PSF) = 687.76 P = 202.91

SECTION (1 ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0385		-.0433	-.0433	-.0395	-.0384	.0463
45.000				-.0451			
90.000			-.0459	-.0633	-.0622	-.0527	.0000
135.000				-.0432	-.0575	-.0673	
141.000							.0000
180.000			-.0511	-.0546	-.0585	-.0525	
198.000							.0000
219.000							.0000
225.000				-.0494			
270.000		-.0418	-.0451	.0045			.0000
315.000				-.0258	-.0368	-.0357	.0389

ALPHA (2) = .524 BETA (3) = 3.952 MACH = 2.2005 RN/L = 3.3130 Q(PSF) = 687.76 P = 202.91

SECTION (1 ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0316		-.0408	-.0381	-.0348	-.0338	.0411
45.000				-.0425			
90.000			-.0493	-.0464	-.0424	-.0422	.0000
135.000				-.0437	-.0418	-.0404	
141.000							.0000
180.000			-.0525	-.0449	-.0412	-.0404	
198.000							.0000
219.000							.0000
225.000				-.0385			
270.000		-.0373	-.0436	.0105			.0000
315.000				-.0222	-.0315	-.0317	.0753

ALPHA (3) = -.837 BETA (1) = -.082 MACH = 2.2005 RN/L = 3.3154 Q(PSF) = 688.43 P = 203.11

SECTION (1 ET BASE DEPENDENT VARIABLE CP

R/BOD	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	-.0386		-.0369	-.0394	-.0383	-.0395	.0710
45.000				-.0394			
90.000			-.0410	-.0392	-.0381	-.0375	.0000
135.000				-.0452	-.0565	-.0621	
141.000							.0000
180.000			-.0474	-.0563	-.0577	-.0548	
198.000							.0000

ARC87-044IA82 OTS+RING(SRB=MPS=NOM) ET-BASE-- (REEH98)

ALPHA = .3 +.037 BETA = -.092

SELECTION: ET BASE DEPENDENT VARIABLE CP

MACH	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
ALT							
219.000							.0000
225.000				-.0355			
270.000		-.0330	-.0349	.0079			.0000
315.000				-.0243	-.0363	-.0348	.0269

ARC87-044-IA82 OTS+RING(SRB=N++ MPS=NOM)ET-BASE-- (RE6H99) 1 14 MAR 75)

REFERENCE DATA

SREF = 8030.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
MREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

ALPHA (1) = -3.417 BETA (1) = -.092 MACH = 2.2005 RN/L = 3.2939 Q(PSF) = 688.88 P = 203.24

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RDO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0501		.0501	.0515	.0509	.0511	.0779
45.000				.0528			
90.000			.0410	.0423	.0440	.0500	.0000
135.000				.0775	.0834	.0785	
141.000							.0000
180.000			.0703	.0547	.0603	.0713	
186.000							.0000
210.000							.0000
225.000				.0544			
270.000		.0517	.0526	.0836			.0000
315.000				.0527	.0527	.0531	.0514

ALPHA (2) = .494 BETA (1) = -4.030 MACH = 2.2005 RN/L = 3.2930 Q(PSF) = 688.06 P = 203.00

SECTION (1)ET BASE DEPENDENT VARIABLE CP

R/RDO	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0693		.0591	.0626	.0626	.0632	.0461
45.000				.0505			
90.000			.0442	.0352	.0408	.0463	.0000
135.000				.0877	.0954	-.0139	
141.000							.0000
180.000			.0942	.0889	.0919	.0894	
186.000							.0000
210.000							.0000
225.000				.0848			
270.000		.0795	.0758	.1014			.0000
315.000				.0663	.0694	.0736	.0086

DATE 08 FEB 78 TABULATED SOURCE DATA - IA82B

AP037-04*IA82 OTS+PING(SRB=N** MPS=NOMJET-BASE-- *RESHSB)

ALPHA (2) = .547 BETA (2) = -.116 MACH = 2.2005 RN/L = 3.2330 Q(PSF) = 688.06 P = 203.00

SECTION (1 JET BASE DEPENDENT VARIABLE CP

R/R00	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0607		.0617	.0632	.0633	.0633	.0607
45.000				.0691			
90.000			.0637	.0692	.0619	.0660	.0000
135.000				.0884	.0871	.0633	
141.000							.0000
180.000			.0830	.0935	.0830	.0859	
185.000							.0000
219.000							.0000
225.000				.0788			
270.000				.0985			.0000
315.000				.0886	.0675	.0681	.0425

ALPHA (3) = .528 BETA (3) = 3.952 MACH = 2.2005 RN/L = 3.2330 Q(PSF) = 688.06 P = 203.00

SECTION (1 JET BASE DEPENDENT VARIABLE CP

R/R00	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0870		.0523	.0610	.0656	.0660	.0600
45.000				.0697			
90.000			.0746	.0746	.0782	.0811	.0000
135.000				.0835	.0873	.0991	
141.000							.0000
180.000			.0726	.0777	.0813	.0848	
185.000							.0000
219.000							.0000
225.000				.0483			
270.000				.0993			.0000
315.000			.0505	.0530	.0607	.0619	.0784

ALPHA (3) = 4.887 BETA (1) = -.082 MACH = 2.2005 RN/L = 3.2345 Q(PSF) = 688.43 P = 203.11

SECTION (1 JET BASE DEPENDENT VARIABLE CP

R/R00	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
.000	.0783		.0777	.0777	.0788	.0777	.0932
45.000				.0746			
90.000			.0720	.0732	.0784	.0802	.0000
135.000				.0849	.0917	.0596	
141.000							.0000
180.000			.0980	.0980	.0917	.0948	
185.000							.0000

DATE 06 FEB 78 TABULATED SOURCE DATA - IA928

AR1S7-C441A82 CTS+RING(SRB=N++ MPS=NOMIET-BASE-- RES-89

ALPHA (3) = .707 BETA (1) = -.082

POSITION WITH RESPECT TO BASE DEPENDENT VARIABLE CP

R/D	.0000	.4500	.6350	.8400	.8950	.9460	1.0000
PHI							
219.000							.0000
225.000				.0868			
231.000		.0479	.0798	.1086			.0000
3.0 .00				.0802	.0921	.0845	.0407

ARC97-044- .KES(SRB=OFF MPS=OFF) (IE6001) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 1.550 PT = 30.700

RUN NO. 1/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
-3.871	-.150	922.98000	1208.99640	1037.78362	450.67604	241.62107	214.94695	217.53130	216.97751	469.78173	398.06618
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
.092	-4.091	923.28000	1408.63611	1157.96559	426.45085	264.41521	248.25781	248.62713	244.38004	485.35612	435.49899
.093	-.171	923.88000	1260.72028	959.81257	463.78140	240.29483	218.58365	218.49126	217.29022	474.49841	418.41889
.089	3.917	923.28000	1203.76027	741.01234	495.51220	225.72978	197.56974	199.60096	199.69328	471.41459	403.18420
	GRADIENT	-.00095	-25.56254	-52.18663	8.63670	-4.83285	-6.33536	-6.12537	-5.58380	-1.73824	-4.04185

RUN NO. 3/ 0 RN/L = 4.07 GRADIENT INTERVAL = -5.0 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
4.145	-.144	924.18000	1378.86310	851.52599	461.89172	244.33974	225.39405	226.96516	224.83955	515.67899	444.88680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A828 OTS+RAKES(SRB=NOM- MPS=NOM) (IE6002) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 1.550 PT = 30.700

RUN NO. 13/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
-3.985	-.144	923.88000	1093.95993	691.17036	452.51006	390.88727	389.30041	391.99593	388.02324	502.58436	433.29336
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 14/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
-.019	-4.091	925.08000	1581.60454	1030.71941	428.21481	431.36008	427.38224	434.50536	434.78288	569.28951	478.35415
-.009	-.181	925.38000	1493.74681	713.45737	464.89932	394.93874	393.92081	392.62526	380.22504	606.11272	470.08041
-.019	3.897	923.58000	703.94340	519.04289	497.80035	363.32710	360.46400	357.13911	354.73781	488.93398	449.40475
	GRADIENT	-.18960	-110.45770	-63.95831	8.70659	-8.51135	-8.37602	-9.67819	-9.99371	-10.19235	-3.63436

ARC97-044-11A82B OTS+RAKES(SRB=NOM- MPS=NOM) (1E6002) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 15/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
4.152	-.140	922.98000	1398.11501	651.23959	465.16683	417.44876	404.34245	411.44939	401.57351	612.47443	513.06949
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (1E6003) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 4/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
-3.955	-.144	923.28000	929.82310	573.62167	453.04131	440.76169	431.52889	442.70058	443.43920	517.67091	451.56406
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 5/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
.008	-4.086	922.98000	1637.07452	900.35189	428.06303	469.78173	461.10572	481.96507	493.62643	611.73605	501.62454
.002	-.191	924.18000	1451.13397	636.50250	461.79929	441.92943	439.06447	440.91283	435.64500	615.39800	493.59109
-.022	3.900	924.18000	579.35498	489.98679	497.47264	416.60690	416.88415	414.94337	411.89358	501.72387	478.61937
	GRADIENT	.14911	-133.01192	-51.26141	8.68952	-6.65342	-5.53519	-8.37522	-8.95662	-13.87605	-2.88576

RUN NO. 6/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
4.145	-.140	922.18000	1391.24712	609.76051	465.86568	470.39417	445.62614	462.63106	455.79212	639.05701	545.53000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (IE6004) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 7/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
-3.985	-.144	924.48000	731.05824	515.29461	453.16956	500.59538	485.24901	500.22559	504.38575	527.77509	490.98079
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 8/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
-.042	-4.091	923.88000	1659.55927	800.72043	427.47292	512.19271	521.61629	528.91494	541.94165	671.00768	558.20193
-.015	-.178	923.88000	1259.98117	576.35670	462.21081	507.29615	500.73660	503.87779	510.71451	605.68936	515.14913
-.039	3.897	923.88000	540.00150	431.58288	498.24213	479.48736	479.21020	475.60706	478.47109	525.95853	505.07883
	GRADIENT	-.00000	-140.40352	-38.58686	8.65922	-4.11296	-5.30848	-6.67523	-7.94542	-18.16781	-6.52166

RUN NO. 9/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
4.128	-.140	923.58000	1386.65373	585.35573	465.56741	535.85184	513.77828	521.99815	521.16692	674.85063	577.69001
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (IE6005) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 10/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
-3.988	-.144	923.88000	669.62947	509.69923	452.14051	568.45699	566.88640	570.02760	570.58192	558.75626	532.70285
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 11/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
-.043	-4.088	922.68000	1620.31033	695.87725	425.99335	596.32008	598.44225	601.94843	615.78863	725.49528	600.65668
-.032	-.181	923.58000	1192.42487	564.11339	464.92090	578.70595	583.97036	575.56578	576.85879	645.48078	569.74722
-.042	3.897	926.68000	550.95587	505.78221	499.85780	553.82552	561.32360	556.97286	558.54653	567.61829	524.94399
	GRADIENT	.37797	-134.09015	-23.73758	9.24545	-5.32746	-4.65512	-5.62472	-7.14928	-19.76679	-9.49279

ARC97-044-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (IE6005) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 12/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
4.112	-.140	924.18000	1396.07170	592.29350	469.56241	602.82915	603.66092	595.25088	604.95477	695.72810	597.37650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=VARY MPS=NOM) (IE6006) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 1.550
PT = 30.700

RUN NO. 70/ 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SRBOPR	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
.029	117.220	920.65000	1445.01698	670.18524	460.09292	407.24760	411.39053	408.81271	398.77763	600.95236	477.76939
.029	129.540	921.85000	1467.97955	652.49996	462.38421	423.21833	423.58695	423.86342	413.17344	604.30290	485.60727
.032	165.910	927.57000	1428.96873	616.69569	463.55389	463.09011	457.52469	458.92329	454.64922	615.48985	500.47118
.019	186.370	930.86000	1341.82269	598.99046	466.60934	486.25090	477.87298	480.01401	481.78268	604.65883	506.96437
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM-) (IE6007) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 66/ 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
-3.931	-.150	925.16000	882.93069	579.64556	450.88097	432.84035	423.49624	433.02538	435.43080	502.04232	445.79259
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=NOM MPS=NOM-) (IE6007) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 67/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
.015	-4.101	923.36000	1607.70566	934.76091	421.28042	468.27944	458.39949	477.32837	480.28312	594.68742	490.90176
.015	-.194	925.16000	1432.56824	648.21759	463.46315	436.26344	435.52332	435.70635	428.12203	586.60194	480.11603
.002	3.903	924.86000	587.42626	494.75529	499.10214	407.07857	405.96874	403.65659	400.69704	494.01541	467.65690
	GRADIENT	.18553	-126.04779	-54.84852	9.71585	-7.64282	-6.55565	-9.19475	-9.92016	-12.65087	-2.90527

RUN NO. 68/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
4.002	-.147	926.37000	1404.05225	629.05111	462.30451	468.14065	438.77472	455.07883	450.53962	627.10573	535.11720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=NOM MPS=NOM+) (IE6008) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 16/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
-3.995	-.144	924.78000	974.98792	562.25860	452.67218	442.40712	432.97437	445.73633	447.95580	532.29574	459.05316
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 17/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
-.042	-4.091	922.07000	1654.55447	893.98058	426.35725	471.26206	464.89978	486.01518	488.87360	632.25548	514.96818
-.022	-.181	924.18000	1472.02045	625.19431	463.18556	447.84418	444.70197	444.60955	443.13086	630.27730	504.21915
-.045	3.897	924.78000	571.22897	487.90630	498.72623	423.54161	424.28143	417.80798	417 53054	506.58685	485.59435
	GRADIENT	.33789	-136.22453	-49.46977	9.05715	-5.97384	-5.08431	-8.52461	-8.91229	-15.83591	-3.68354

RUN NO. 18/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
4.092	-.140	922.38000	1381.52985	596.33999	465.42204	473.90794	449.00368	465.69875	459.98000	649.25237	553.87827
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (1E6009) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 1.550
PT = 30.700

RUN NO 69/ C RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MACH	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
.052	223.390	924.26000	1442.34976	642.21790	464.02057	439.62011	435.92307	437.77159	427.23502	598.50040	483.79974
.052	251.670	925.77000	1448.77769	637.06258	4(..96194	440.98450	438.76265	440.15131	430.43072	600.30950	491.16123
.032	303.160	923.98000	1464.34102	628.34202	462.58360	443.36523	442.62607	444.10440	435.23438	617.43929	499.08002
.032	326.780	924.56000	1472.12927	626.24934	465.00609	445.86770	443.27893	446.14507	437.26929	624.67759	502.08095
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (1E6010) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 = 30.700

RUN NO. 19/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
-3.580	-.095	776.44000	563.60635	489.61163	263.20173	98.90702	69.01408	67.38356	67.38356	224.61266	179.11327
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 20/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
.37-	-4.043	776.95000	735.36971	622.94505	234.23697	106.58409	81.79938	83.27559	84.36332	222.50502	198.65266
.387	-.136	776.95000	438.80790	443.23652	262.82873	98.65919	70.37822	68.66893	69..3509	229.34219	188.16384
.374	3.945	776.95000	755.33733	310.45576	290.87662	98.11533	68.12506	64.39570	63.07489	261.66331	194.08866
	GRADIENT	-.00000	3.05394	-39.07126	7.08899	-1.05334	-1.70330	-2.35381	-2.65634	4.92442	-.55894

RUN NO. 21/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
-3.540	-.095	777.20000	527.16208	561.51431	255.37524	94.41712	69.93532	67.21512	67.37056	236.17840	219.46860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-IIA82B OTS+RAKES(SRB=NOM- MPS=NOM) (IE6011) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 55/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
-3.627	-.095	778.16000	899.16249	363.04852	261.34301	213.40835	212.39675	209.12848	208.27250	359.00209	240.95522
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 56/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
.320	-4.046	779.43000	1124.67302	518.97798	235.57724	246.33337	244.46274	252.17910	256.62185	348.20487	256.46596
.326	-.132	777.40000	978.62932	351.96718	262.95488	227.27222	228.90476	223.15200	226.02838	360.05214	252.77094
.313	3.952	777.65000	830.86284	253.31956	288.93592	213.27058	204.56090	202.22795	207.36044	291.11334	249.74257
	GRADIENT	-.22052	-74.50679	-33.15245	6.66976	-4.12908	-4.99639	-6.23779	-6.14817	-7.20933	-.84000

RUN NO. 57/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
4.453	-.035	777.65000	1001.72991	377.43249	254.87486	232.24524	222.83568	222.13579	235.27808	372.14447	266.07302
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM) (IE6012) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 46/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
-3.604	-.095	778.41000	822.58347	281.66637	262.75101	254.73338	251.69759	253.87713	253.72145	341.52610	264.15215
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 47/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
.327	-4.049	775.64000	1218.43233	459.88906	233.18685	279.94057	279.94057	288.94960	299.74489	405.29027	281.49385
.353	-.132	774.62000	976.12932	316.46293	261.15506	267.35202	266.57740	264.87324	271.76736	390.98137	281.06279
.323	3.952	777.65000	342.90483	260.62247	289.01369	247.02059	243.83223	239.08856	242.27693	296.40136	271.90539
	GRADIENT	.13062	-109.75832	-24.82594	6.97691	-4.12088	-4.52077	-6.23282	-7.18332	-13.67813	-1.20590

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (IE6012) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 48/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
4.493	-.092	778.16000	1028.06406	334.64568	255.89589	278.07344	263.75531	272.62633	279.55195	439.69728	301.88514
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (IE6013) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 49/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
-3.624	-.095	779.17000	735.57278	294.95215	262.46077	303.83469	298.53633	292.30297	292.30297	332.11856	293.86132
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 50/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
.327	-4.049	776.39000	1226.89023	384.19654	235.90605	321.85242	326.74368	328.29646	335.12869	462.37901	325.96729
.329	-.132	776.88000	854.38520	302.17279	263.63905	313.04925	313.20463	314.05920	315.06916	368.05306	299.84212
.320	3.949	779.43000	304.47985	272.21045	290.68294	296.13895	293.56683	291.54031	294.96990	304.55679	288.81231
	GRADIENT	.39181	-115.47435	-13.95636	6.84779	-3.22171	-4.15309	-4.60245	-5.02082	-19.70508	-4.63233

RUN NO. 51/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	3S5	3S6
4.459	-.095	780.69000	966.44982	322.77092	260.00344	328.93837	314.72981	321.05340	324.64457	427.46144	316.91574
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=NOM++ MPS=NOM) (IE6014) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 52/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
-3.627	-.095	779.17000	801.39971	342.71527	263.08411	354.79241	364.29828	344.03986	337.49483	323.85936	326.89812
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 53/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
.310	-4.046	778.16000	1069.30653	331.14009	237.68695	390.01241	383.04723	375.96597	378.30046	430.51499	357.52358
.333	-.132	777.65000	891.69244	349.90369	263.19571	371.28906	377.97685	365.37892	369.57623	396.64045	340.57180
.330	3.949	777.40000	820.48248	310.60950	290.86354	347.61374	344.03770	345.43702	345.36990	334.00324	327.09038
	GRADIENT	-.09483	-93.99910	-10.07034	6.65273	-4.06516	-4.90412	-3.82644	-4.00621	-12.09512	-3.80328

RUN NO. 54/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
4.509	-.095	776.89000	941.00943	362.38176	267.44581	392.36972	389.49522	383.35779	387.08686	424.06683	347.23241
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=VARY MPS=NOM) (IE6015) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.000
PT = 30.700

RUN NO. 55/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SRBCPP	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
.366	222.360	778.92000	975.09761	322.01126	264.79047	242.90282	245.16169	239.47557	242.35757	381.31690	265.95885
.386	283.320	778.92000	961.53441	316.90022	263.46630	255.13186	255.75500	251.00359	254.89819	386.92512	272.81335
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM-) (IE6016) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 61/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
-3.641	-.095	778.41000	858.07897	299.25843	260.18225	259.55952	255.97884	258.54759	259.85896	351.17838	261.73907
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 62/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
.306	-4.046	778.98000	1188.71653	479.92817	235.34729	276.94162	275.30569	287.69072	296.25883	384.97782	276.08481
.319	-.135	779.66000	988.13236	308.88549	263.02031	270.34930	268.16519	271.05101	276.50877	331.78808	269.02384
.310	3.952	780.18000	865.55007	258.19730	290.41674	265.71442	262.67172	256.97541	261.65749	297.83044	268.72974
	GRADIENT	.15729	-104.24716	-27.61034	6.89480	-3.92060	-4.09579	-6.35633	-6.84015	-10.87754	-.91332

RUN NO. 63/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
4.409	-.096	780.69000	1011.98597	342.28817	256.72454	274.21200	256.72454	266.17089	272.72869	422.77731	295.99325
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (IE6017) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 58/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
-3.651	-.098	776.89000	771.19128	281.11907	260.45380	267.67887	265.34821	265.50359	267.36912	332.62668	275.21471
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 59/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
.306	-4.046	778.98000	1233.92273	420.44397	235.81465	291.27375	291.11796	299.14084	303.73647	440.12536	304.43750
.313	-.132	778.16000	967.52320	308.18824	260.72048	281.80861	279.94103	280.95264	286.16631	398.99951	292.00251
.310	3.949	776.14000	800.24837	262.37334	288.14119	263.45994	260.74345	255.93138	259.19117	301.18034	276.42147
	GRADIENT	-.34880	-117.12476	-19.96053	6.54672	-3.48644	-3.80596	-5.41020	-5.57952	-17.42738	-3.50673

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (IE6017) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 60/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
4.493	-.095	777.65000	996.87518	326.18535	256.19686	291.11334	276.64906	286.68074	292.43535	442.96839	310.32130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (IE6018) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.000
PT = 30.700

RUN NO. 64/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MPSCPR	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
.386	399.100	774.36000	954.11167	317.13390	263.31588	266.87794	265.48409	265.48409	271.21435	386.12937	279.03539
.373	431.630	778.41000	975.30752	317.00618	263.91862	269.05613	267.65499	265.31976	272.79250	391.42218	282.36694
.366	618.070	776.89000	966.10298	318.40762	262.86216	272.18484	270.47568	269.46572	276.68080	395.71035	285.85810
.363	735.140	776.14000	966.64277	318.96412	262.29573	277.66330	276.18863	276.18863	282.24252	397.28647	289.69347
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (IE6019) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 22/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
-3.377	-.093	688.43000	465.35415	384.90783	212.76918	72.19177	47.54599	42.86465	41.41895	176.14470	127.19733
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=OFF MPS=OFF) (IES019) (23 JAN 76)

REFERENCE DATA

SREF = 8690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1990.8000 IN. YMRP = .0000 IN. YT
BREF = 1990.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 23/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
.691	-4.036	687.31000	632.64494	505.63005	174.83648	74.20557	57.02282	54.27358	56.19805	155.72054	135.03251
.810	-.186	688.66000	366.05922	341.88726	201.81382	70.48635	47.69171	43.22428	43.55975	171.61278	131.43276
.928	3.658	690.01000	495.55285	276.00584	224.20306	74.16500	48.40099	47.85428	44.81871	183.14582	136.64642
	GRADIENT	.19554	-16.42435	-28.65760	6.16797	.00137	-1.07049	-1.29415	-1.41228	3.48931	.20970

RUN NO. 24/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
.687	-4.038	688.43000	427.12851	497.72812	195.48959	71.57219	50.71276	47.95904	47.69365	177.33462	166.50868
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=NOM- MPS=NOM) (IES020) (23 JAN 76)

REFERENCE DATA

SREF = 8690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1990.8000 IN. YMRP = .0000 IN. YT
BREF = 1990.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 34/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
-3.470	-.198	683.16000	696.12374	287.65387	209.98994	171.39705	169.96263	166.41077	167.09378	280.24949	191.34241
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 35/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
.588	-4.045	686.07000	914.17175	418.04406	173.26855	183.88815	188.34009	197.65705	201.21941	289.01873	190.60083
.647	-.138	686.97000	935.42207	282.38410	200.66502	179.71404	179.85123	175.55957	177.27353	295.54630	195.38311
.707	3.969	687.87000	403.72203	196.43319	222.03460	169.24889	160.78391	156.72347	166.49605	230.08665	194.57502
	GRADIENT	.39348	-64.09324	-27.65320	6.08658	-2.45279	-3.45032	-5.11064	-4.32376	-4.82398	.49135

RUN NO. 36/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
-.487	-.198	688.68000	922.41307	257.02321	192.63350	189.32793	179.48010	183.06113	189.05247	296.00137	201.37948
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

AP03F-044-11A88B OTS+RAMES(STS=NOM MPS=NOM (IE3081 : 23 JAN 76)

REFERENCE DATA

SREF = 9680.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1280.3000 IN. YMRP = .0000 IN. YT
BREF = 1840.3000 IN. ZMRP = +00.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.800 PT = 30.700

RUN NO. 26 0 RNYL = 3.25 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
-3.+13	-.089	687.78000	588.0+3+3	227.55303	203.3+631	200.69776	202.78867	199.63831	200.66160	288.61790	210.840+6
	GRADIENT	.00000	.0000 0	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 28 0 RN L = 3.25 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
0+0	+.076	688.43000	1006.+3128	357.75+03	175.89743	220.23422	225.81818	221.00141	222.6+018	319.05773	216.21133
4+1	-.128	688.21000	780.6+1.80	283.5+8+5	201.6+712	214.07284	211.87777	214.+20+5	220.61063	310.21647	216.34763
.5 B	3.3+9	687.31000	240.0F833	207.7+930	202.80100	1+4 3+786	1+3.37308	197.+3880	191.+8008	292.09779	210.08575
	GRADIENT	+.14095	+90.50697	-19.6+320	5.96269	-8.2+ 2+3	+4.63360	+4.+4801	-5.20917	-1.1 00+26	-.77261

RUN NO. 27 0 RN L = 3.25 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
+.0+3	-.099	688.98000	786.34809	241.70161	186.37342	227.60+09	213.0+231	223.03187	228.68745	313.80080	225.92526
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP03F-044-11A88B OTS+RAMES(STS=NOM MPS=NOM (IE3082) : 23 JAN 76)

REFERENCE DATA

SREF = 9680.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1280.3000 IN. YMRP = .0000 IN. YT
BREF = 1840.3000 IN. ZMRP = +00.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.800 PT = 30.700

RUN NO. 28 0 RN L = 3.25 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
-3.+13	-.087	687.+8000	+81.83.13	-.+3+66	213.89731	217.87710	250.+3+75	2.+ .+	-22.+0075	-1.0 .0781	227.+3+17
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 29 0 RN L = 3.27 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	Q(PSF)	3P5	P6	CP23,	CP301	CP302	P	CP304	355	356
0+0	+.038	688.+3000	10+0.6+8.09	2[7.+4+83	179.85022	2[1.+4+1 8	2[3.67+81	2[4.+ .+47	2+8 .8545	+04.0+114	22+ .9480
4+7	- .123	688.04000	889.+8181	2+1.+4.87	205.47+84	2[7.+8[+0	2[7.+1121	2[7.+6+44	2[7.66783	309.85755	2+1.35550
.5 B	3.+19	687.81000	2[7.+4+++	4[.5+.+.4	2[6.+4+41	4[4.+10.9	2[3.+.+0 2	2[+.0+8[	2[+.00831	2[4.+.+09	2+0.24353
	GRADIENT	.[0.[7	-[0.[6+[0+	-3.+.+9	5.71+3[	-2.3+1.1	-2.6+.+	-2.26+03	-1.+0[03	-18.70839	-2.97391

ARC97-044-IIA82B OTS+RAKES(SRB=NOM+ MPS=NOM) (IE6022) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. YMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 2.200 PT = 30.700

RUN NO. 30/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
4.8+7	-.089	686.69000	701.33000	248.89980	197.54135	265.54494	263.21417	260.33499	261.91163	321.14061	244.77369
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM++ MPS=NOM) (IE6023) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. YMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 2.200 PT = 30.700

RUN NO. 31/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
-3.+13	-.092	689.11000	436.04353	297.32569	213.94338	280.71814	300.77124	270.72604	263.93495	259.42464	260.11375
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 32/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
.943	-4.036	686.19000	878.57459	336.07257	182.50325	289.41165	295.65598	284.95142	285.84346	351.78532	267.93391
.807	-.126	687.71000	668.88364	291.51219	202.44979	286.01263	293.71554	293.71554	286.46858	299.14885	268.68109
.548	3.949	686.87000	249.00473	242.02836	224.10166	274.44923	281.73005	281.86742	278.70792	271.42700	254.11787
	GRADIENT	.08305	-79.14194	-11.78301	5.21056	-1.88084	-1.75246	-.40384	-.91785	-10.04154	-1.74320

RUN NO. 33/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
4.650	-.092	687.31000	753.05515	276.61836	211.39264	298.33736	303.21726	304.17949	309.19885	355.20886	273.45573
	GRADIENT	.07501	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=VARY MPS=NOM) (IE6024) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.200
PT = 30.700

RUN NO. 45/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SRBCPR	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
.577	734.710	685.74000	817.07593	239.61425	199.77276	190.72099	189.55524	187.84089	191.40673	306.74820	204.02435
.580	332.710	686.64000	795.58351	234.71475	201.13806	202.44267	200.86340	199.90211	205.18923	308.87187	211.91830
.577	455.270	690.67000	760.93348	238.64701	200.73105	225.11170	223.66129	226.14771	229.11759	307.92303	224.00663
.577	553.930	692.91000	790.07753	246.14318	203.32134	242.54005	243.85658	244.13374	245.86602	329.01522	236.85819
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM-) (IE6025) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 40/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
-3.420	-.092	688.66000	670.01831	240.08218	211.50278	192.15144	192.56464	189.81000	190.84299	283.19279	199.72670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.000	.00000

RUN NO. 41/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
.621	-4.042	688.43000	959.35035	390.43180	173.57635	212.67918	221.1468	221.14587	229.20150	295.56615	204.21149
.580	-.125	688.66000	813.59822	247.66744	201.93041	204.34072	202.20580	202.75681	208.47268	304.47189	207.37082
.584	3.958	688.89000	334.81608	200.41559	222.73530	188.70463	179.54253	179.54253	186.70688	232.99961	202.49223
	GRADIENT	.00883	-78.34288	-23.66455	6.13718	-3.00262	-5.20283	-5.20379	-5.31176	-7.88933	-.22312

RUN NO. 42/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
+.643	-.088	688.66000	813.66709	246.13658	194.07969	211.84711	196.62773	204.36052	210.81413	312.59807	218.25165
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82D OTS+RAKES(SRB=NOM MPS=NOM+) (IE6026) (23 JAN 76)

REFERENCE DATA

SREF = 2000.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 37/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
-3.433	-.092	688.43000	540.09648	225.41513	211.09579	210.68273	211.50885	206.07025	207.65364	250.95508	215.36405
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 38/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
.508	-4.042	688.21000	1060.82494	334.00636	173.72226	223.96158	226.23268	227.26499	230.29312	353.82681	230.56840
.523	-.125	687.54000	758.50982	233.64179	200.84613	220.23476	217.48460	220.92230	224.63502	310.78378	223.12243
.514	3.955	687.31000	247.92627	207.37499	221.80849	198.43995	191.42939	191.77431	194.17863	234.31753	213.62950
	GRADIENT	-.11215	-101.81148	-15.76900	6.00678	-3.20630	-4.36610	-4.46555	-4.53643	-14.97033	-2.11956

RUN NO. 39/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
4.637	-.092	687.76000	755.93781	235.57850	193.90034	231.31449	218.24705	227.60058	231.31449	311.91995	226.43139
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (IE6027) (23 JAN 76)

REFERENCE DATA

SREF = 2000.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.200
PT = 30.700

RUN NO. 43/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MRSOFR	Q(PSF)	3P5	3P6	CP231	CP301	CP302	CP303	CP304	355	356
.522	521.660	689.88000	793.40349	235.96180	201.65558	205.23775	202.62001	203.24000	207.92438	304.02314	210.67990
.538	525.020	688.33000	797.08089	232.11506	201.85348	209.57397	207.43705	207.71278	213.43422	306.26697	214.19248
.543	900.330	688.66000	779.20110	231.47392	201.51722	215.84134	213.43103	214.87722	220.45537	311.42735	219.76670
.577	1056.000	689.10000	769.46455	232.03547	202.19744	218.11565	215.66854	217.70219	223.42172	310.86851	221.14769
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (IE6028) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 113/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.905	-.150	925.69000	-.10720	-.33150	-.35980	-.35900	-.35980	-.34370	-.35500	-.35640	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 114/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.055	-4.085	923.28000	-.13220	-.30450	-.32310	-.32430	-.32870	-.35900	-.37230	-.37060	.00000
.052	-2.140	922.38000	-.11280	-.32380	-.34550	-.34500	-.34810	-.35730	-.36560	-.36560	.00000
.072	-.171	922.98000	-.08970	-.33480	-.35980	-.36040	-.36110	-.34950	-.35600	-.35760	.00000
.055	1.887	924.18000	-.07160	-.34440	-.37140	-.37190	-.37220	-.33990	-.34480	-.34840	.00000
.052	3.903	924.48000	-.05690	-.34860	-.38110	-.37790	-.37770	-.32980	-.33490	-.33490	.00000
	GRADIENT	.21162	.00958	-.00543	-.00708	-.00669	-.00609	.00380	.00478	.00444	.00000

RUN NO. 115/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.212	-.144	924.18000	-.09530	-.32880	-.35060	-.35020	-.35260	-.35430	-.36160	-.36180	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM- MPS=NOM) (IE6029) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 119/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.992	-.150	923.28000	-.10470	-.17090	-.17340	-.16990	-.17710	-.19230	-.19650	-.19160	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM- MPS=NOM) (IE6029) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 120/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.022	-4.085	923.88000	-.13180	-.12480	-.12810	-.12400	-.12300	-.19680	-.20750	-.20190	.00000
-.022	-.168	925.69000	-.09040	-.16890	-.16350	-.16660	-.17560	-.18840	-.19240	-.19320	.00000
-.022	3.906	925.99000	-.05690	-.20300	-.20700	-.20940	-.21080	-.14800	-.14410	-.14350	.00000
	GRADIENT	.26276	.00936	-.00978	-.00988	-.01069	-.01097	.00613	.00796	.00734	.00000

RUN NO. 121/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.135	-.144	926.89000	-.09300	-.13880	-.16430	-.14930	-.15930	-.15110	-.18190	-.17290	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (IE6030) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 116/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.978	-.147	924.18000	-.10540	-.11970	-.12820	-.11630	-.11440	-.13240	-.15370	-.14100	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 117/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.022	-4.085	925.08000	-.13270	-.08130	-.09180	-.06940	-.06780	-.13980	-.14340	-.14380	.00000
-.018	-2.140	925.39000	-.11090	-.09250	-.10060	-.09280	-.09040	-.13170	-.14160	-.14290	.00000
-.022	-.171	924.78000	-.09030	-.11480	-.11570	-.11350	-.12310	-.12450	-.13140	-.13800	.00000
-.042	1.887	923.58000	-.07310	-.13210	-.12850	-.13130	-.13970	-.10710	-.11100	-.10800	.00000
-.039	3.903	923.88000	-.05660	-.14100	-.14240	-.14500	-.14800	-.08680	-.09150	-.08360	.00000
	GRADIENT	-.21121	.00949	-.00795	-.00646	-.00947	-.01046	.00654	.00674	.00780	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (1E6030) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 118/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.128	-.147	925.08000	-.09420	-.08160	-.11050	-.09350	-.10010	-.09140	-.12350	-.11710	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM+ MPS=NOM) (1E6031) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 124/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-4.035	-.169	925.39000	-.10540	-.04870	-.06650	-.05210	-.04670	-.05610	-.08470	-.07280	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 122/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-4.028	-.147	925.99000	-.10570	-.05090	-.06730	-.05310	-.04890	-.06000	-.09010	-.07650	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 123/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.055	-4.085	925.69000	-.13230	-.04190	-.03630	-.02070	-.01050	-.07770	-.08060	-.08760	.00000
-.058	-.171	924.48000	-.09280	-.04400	-.05300	-.04960	-.04340	-.04930	-.06490	-.07050	.00000
-.055	3.903	922.58000	-.06660	-.03940	-.07830	-.08500	-.08070	-.03400	-.03330	-.02780	.00000
	GRADIENT	-.41606	.00347	-.00480	-.00526	-.00780	-.00879	.00546	.00693	.00751	.00000

ARC97-044-11A82B OTS(SRB=NOM++ MPS=NOM) (1E6032) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 125/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-4.032	-.165	923.28000	-.10570	.02290	.01960	.02300	.02210	.01900	.00040	.00150	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 126/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.076	-4.085	922.07000	-.13080	.05310	.05530	.05930	.07440	.00920	.01770	.00520	.00000
-.058	-.168	924.48000	-.09200	.03120	.03520	.02500	.02730	.02820	.02960	.00610	.00000
-.059	3.906	923.88000	-.05500	.00580	.01710	.00970	.01000	.04770	.05100	.04650	.00000
	GRADIENT	.22398	.00948	-.00592	-.00478	-.00619	-.00803	.00482	.00417	.00520	.00000

RUN NO. 127/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.015	-.169	924.78000	-.09000	.06740	.05870	.05440	.06060	.07060	.04460	.02650	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM-) (1E6033) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 128/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-4.018	-.165	924.18000	-.10670	-.12130	-.13060	-.11970	-.11870	-.13340	-.15200	-.13680	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 129/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.042	-4.082	925.08000	-.13350	-.08690	-.09810	-.07720	-.07650	-.14510	-.14900	-.14850	.00000
-.038	-.168	922.98000	-.09050	-.11700	-.12060	-.11860	-.12840	-.12650	-.13360	-.13740	.00000
-.052	3.906	925.69000	-.05650	-.15010	-.15130	-.15270	-.15660	-.09480	-.10040	-.09160	.00000
	GRADIENT	.08040	.00963	-.00791	-.00667	-.00944	-.01001	.00631	.00610	.00715	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM-) (IE6033) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 130/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.025	-.171	922.98000	-.09350	-.08140	-.11390	-.09550	-.10170	-.09160	-.12370	-.11800	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM+) (IE6034) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 131/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-4.018	-.165	922.68000	-.10530	-.10860	-.11960	-.10670	-.10550	-.12340	-.14100	-.12950	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 132/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.055	-4.092	923.28000	-.13270	-.07630	-.08570	-.06170	-.06020	-.13380	-.13830	-.13950	.00000
-.045	-.168	925.08000	-.09060	-.10770	-.10870	-.10750	-.11570	-.11930	-.12520	-.13270	.00000
-.059	3.905	924.48000	-.05660	-.13670	-.13730	-.13910	-.14320	-.08100	-.08580	-.07680	.00000
	GRADIENT	.14818	.00952	-.00756	-.00646	-.00968	-.01037	.00663	.00659	.00789	.00000

RUN NO. 133/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.065	-.171	923.28000	-.09370	-.07420	-.10350	-.08610	-.09120	-.08500	-.11560	-.10990	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (1E6035) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.591	-.117	777.15000	-.02000	-.23530	-.27230	-.27320	-.27340	-.27230	-.27940	-.27480	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.317	-4.039	777.91000	-.05730	-.22400	-.25620	-.25580	-.25430	-.27820	-.28100	-.27930	.00000
.386	-2.060	777.91000	-.03500	-.23030	-.26720	-.26870	-.26630	-.27860	-.28080	-.28010	.00000
.386	-.123	777.91000	-.01980	-.23390	-.27050	-.27250	-.27160	-.27530	-.27820	-.27750	.00000
.380	1.935	777.65000	-.00220	-.23890	-.27420	-.27730	-.27890	-.27070	-.27560	-.27200	.00000
.374	3.955	777.91000	.01450	-.23440	-.27150	-.27590	-.27720	-.26820	-.26670	-.26270	.00000
	GRADIENT	-.01303	.00880	-.00147	-.00187	-.00243	-.00292	.00190	.00170	.00207	.00000

RUN NO. 94/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.479	-.098	777.65000	-.03010	-.23750	-.26720	-.27000	-.27020	-.27330	-.27160	-.27110	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM- MPS=NOM) (1E6036) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 98/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.651	-.102	777.91000	-.02620	-.08140	-.08120	-.08550	-.08580	-.09520	-.10240	-.10460	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM- MPS=NOM) (IE6036) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 99/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.297	-4.039	777.15000	-.01610	-.04300	-.04510	-.03270	-.02880	-.09600	-.10320	-.10590	.00000
.313	-.123	775.63000	-.01980	-.06380	-.06390	-.06690	-.06840	-.08310	-.06540	-.08610	.00000
.293	3.955	776.64000	.01570	-.08540	-.09460	-.09760	-.08600	-.06400	-.05910	-.06270	.00000
	GRADIENT	-.06166	.00898	-.00530	-.00620	-.00811	-.00714	.00401	.00552	.00541	.00000

RUN NO. 100/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.429	-.098	778.67000	-.02940	-.05620	-.06800	-.06850	-.05380	-.06360	-.07900	-.06710	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (IE6037) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 95/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.6+7	-.102	775.12000	-.02160	-.03180	-.03440	-.03310	-.03160	-.03990	-.05580	-.05790	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 96/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.306	-4.039	778.92000	-.05720	.00560	.00980	.01780	.02960	-.03690	-.04600	-.04770	.00000
.293	-2.091	780.69000	-.03450	.00360	.00530	.01040	.01350	-.03390	-.04290	-.04640	.00000
.309	-.123	780.18000	-.02100	-.00960	-.01150	-.01330	-.00560	-.02760	-.02720	-.03950	.00000
.299	1.935	778.16000	-.00300	-.01790	-.01880	-.02300	-.01790	-.00300	-.00280	-.00240	.00000
.296	3.952	776.63000	.01590	-.03050	-.03400	-.04060	-.03590	-.00090	.00280	.00670	.00000
	GRADIENT	-.33295	.00988	-.00469	-.00568	-.00751	-.00809	.00515	.00689	.00767	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (1E6037) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 97/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-1.493	-.099	775.63000	-.03040	.00410	-.01580	-.00210	.00580	-.01190	-.03280	-.02510	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM+ MPS=NOM) (1E6038) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 101/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.854	-.098	779.43000	-.02210	.00890	.02250	.01880	.02030	.01520	.00080	-.01550	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 102/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.893	-4.040	776.83000	-.05400	.05500	.06090	.05200	.07020	.02380	.00830	.00370	.00000
.319	-.123	775.88000	-.01780	.04290	.04290	.04500	.04560	.03630	.03650	.03070	.00000
.893	3.785	775.12000	.01540	.01800	.01680	.01280	.01910	.04800	.05190	.04900	.00000
	GRADIENT	-.22032	.00668	-.00484	-.00552	-.00617	-.00648	.00339	.00544	.00553	.00000

RUN NO. 103/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.443	-.095	773.35000	-.02780	.06300	.04160	.05080	.05600	.04990	.02490	.02690	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

APC97-044-11A82B OTS(SRB=NOM++ MPS=NOM) (IE6039) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 104/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP301	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.537	-.088	777.15000	-.01400	.09540	.10600	.07990	.07310	.10090	.10950	.06950	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 105 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP301	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.290	-4.040	778.41000	-.05650	.13620	.12840	.11840	.12010	.09330	.09090	.07950	.00000
.316	-.133	778.41000	-.01760	.11540	.10190	.10640	.10440	.11070	.10960	.08650	.00000
.302	3.955	777.40000	.01670	.09200	.08190	.08680	.08570	.08660	.11590	.09180	.00000
	GRADIENT	-.12717	.00328	-.02565	-.00575	-.00396	-.00430	.00041	.00312	.00153	.00000

RUN NO. 106 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP301	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.479	-.085	776.14000	-.01450	.14180	.14140	.13300	.13430	.13220	.12300	.09760	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

APC97-044-11A82B OTS(SRB=NOM MPS=NOM+) (IE6040) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 107/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP301	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.661	-.038	778.41000	-.02130	-.01080	-.04020	-.04110	-.04040	-.04300	-.05780	-.05600	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 108/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP301	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.283	-4.036	780.18000	-.05480	-.00080	.00730	.01550	.02820	-.04310	-.05120	-.05360	.00000
.293	-.123	780.44000	-.01830	.11650	-.02030	-.02140	-.01450	-.03440	-.03300	-.04820	.00000
.290	3.955	777.15000	.01360	-.04640	-.05120	-.05610	-.04930	-.04820	-.01360	-.01540	.00000
	GRADIENT	-.38216	.10867	-.06571	-.00732	-.00896	-.00969	.00337	.00471	.00479	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM-) (IEED40) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1280.3000 IN. YMRP = .0000 IN. YT
BREF = 1280.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 109/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.436	-.035	776.14000	-.02970	-.01050	-.03110	-.01950	-.00850	-.01420	-.03430	-.02160	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM+) (IEED41) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1280.3000 IN. YMRP = .0000 IN. YT
BREF = 1280.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 110/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.681	-.038	777.65000	-.02110	-.01540	-.01950	-.01820	-.01760	-.02320	-.04000	-.04760	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 111/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.236	-.036	777.65000	-.03470	.01610	.01790	.02540	.03160	-.02380	-.03920	-.04110	.00000
.033	-.183	777.91000	-.01920	.00120	-.00040	-.00260	.00470	-.02260	-.03140	-.03620	.00000
.808	3.926	777.91000	.01540	-.02090	-.02300	-.02850	-.02600	.01320	.01490	.01460	.00000
	GRADIENT	.03831	.00977	-.00464	-.00512	-.00674	-.00707	.00528	.00679	.00760	.00000

RUN NO. 112/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.009	.003	777.91000	-.04220	.01340	.00420	.00730	.01470	-.02370	-.03130	-.03110	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (ESC=2) 22 JAN 75

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 3.360 RT = 30.700

RUN NO. 71/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP331	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.383	-.098	567.78000	.00310	-.13540	-.23190	-.23500	-.23610	-.23720	-.23810	-.23880	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 72/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	Q(PSF)	CP331	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.595	+4.036	687.99000	-.00430	-.1[illegible]40	-.21700	-.[illegible]	-.[illegible]70	-.[illegible]40	-.[illegible]30	-.[illegible]50	.00000
.697	+2.035	687.99000	-.01980	-.[illegible]+00	-.[illegible]+70	-.[illegible]	-.[illegible]+40	-.[illegible]	-.[illegible]50	-.[illegible]70	.00000
.697	-.113	687.99000	-.00570	-.13710	-.23670	-.[illegible]	-.[illegible]	-.[illegible]	-.[illegible]	-.[illegible]	.00000
.894	1.9+5	687.99000	.01070	-.[illegible]+00	-.[illegible]810	-.[illegible]+0	-.[illegible]+0	-.[illegible]+0	-.[illegible]+0	-.[illegible]+0	.00000
.099	3.381	687.78100	.[illegible]30	-.1[illegible]70	-.[illegible]450	-.[illegible]510	-.[illegible]+50	-.[illegible]	-.[illegible]	-.[illegible]	.00000
	GRADIENT	-.02309	.00[illegible]8	.00000	-.00[illegible]5	-.00[illegible]81	-.00[illegible]78	.00[illegible]40	.00[illegible]73	.00[illegible]93	.00000

RUN NO. 73/ 0 RN/L = 3.3+ GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP331	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.733	-.092	687.78[illegible]00	-.[illegible]490	-.1[illegible]+0	-.[illegible]930	-.[illegible]+80	-.[illegible]+0	-.[illegible]+0	-.[illegible]+80	-.[illegible]+10	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS SRB=NOM= MPS=NOM (ESC=3) 22 JAN 75

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 3.360 RT = 30.700

RUN NO. 74/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.+33	-.092	693.78000	.00[illegible]0	-.0+710	-.0+940	-.05520	-.05+80	-.05[illegible]0	-.[illegible]80	-.[illegible]50	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM- MPS=NOM) (!E6043) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 75/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.514	-4.033	688.21000	-.04490	-.02140	-.02240	-.01140	-.00560	-.06240	-.07950	-.07810	.00000
.523	- .113	688.55000	- .04450	- .03670	- .03390	-.03760	-.03530	-.05110	-.06020	-.05980	.00000
.511	3.951	689.11000	.02600	-.05630	-.06690	-.07340	-.05760	-.02890	- .02820	- .02680	.00000
	GRADIENT	.11257	.00386	-.00437	-.00558	-.00776	-.00650	.00420	.00668	.00642	.00000

RUN NO. 76/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.620	-.092	688.66000	-.01510	-.02070	-.03690	-.03440	-.02280	-.02970	-.05040	-.04010	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (!E6044) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 77/ 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.450	-.095	689.11000	.01210	-.00490	-.00280	-.00820	-.00720	-.02090	-.02820	-.03910	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 78/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.508	-4.033	687.89000	-.04190	.01370	.02720	.02720	.03260	-.01610	-.02900	-.02770	.00000
.507	-2.088	689.56000	-.01400	.01890	.01730	.02600	.03050	-.00940	-.02480	-.02410	.00000
.510	-.116	690.23000	-.00190	.01340	.01070	.01150	.02120	-.00450	-.00410	-.01130	.00000
.507	1.945	688.88000	.01220	.00410	-.00110	-.00400	.00540	.01140	.00350	.00790	.00000
.504	3.951	686.64000	.02830	-.01510	-.02510	-.02620	-.01890	.01280	.01600	.01570	.00000
	GRADIENT	-.17295	.00831	-.00423	-.00615	-.00685	-.00642	.00393	.00621	.00594	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (IE6044) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 79/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.627	-.089	685.97000	-.01040	.03080	.00950	.02450	.03220	.01950	-.00340	.00640	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM+ MPS=NOM) (IE6045) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 80/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.450	-.092	688.21000	.01370	.03390	.06610	.04760	.04530	.04760	.05490	.01990	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 81/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.491	-4.033	687.99000	-.04210	.07870	.08220	.07620	.07810	.03810	.03310	.01810	.00000
.507	-.118	689.21000	-.00010	.07710	.07930	.07330	.07330	.06230	.05480	.03440	.00000
.499	3.961	688.43000	.03030	.05640	.05040	.05250	.05370	.07820	.08090	.07590	.00000
	GRADIENT	.05503	.00811	-.00293	-.00400	-.00298	-.00306	.00501	.00598	.00725	.00000

RUN NO. 82 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.613	-.092	688.43000	-.01020	.08750	.08590	.07610	.07820	.08150	.07130	.06530	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM++ MPS=NOM) (1E6046) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 83/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.440	-.095	688.21000	.01270	.11820	.14190	.09550	.09390	.12050	.12630	.08450	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 84/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.511	-4.033	688.66000	-.03390	.12230	.13020	.11320	.11170	.10500	.11380	.09240	.00000
.527	-.116	688.43000	.00140	.12160	.13660	.13080	.13080	.12790	.13270	.10000	.00000
.511	3.961	687.09000	.02650	.10820	.11490	.11530	.10930	.10880	.12390	.10590	.00000
	GRADIENT	-.19730	.00755	-.00177	-.00194	.00023	-.00033	.00044	.00124	.00169	.00000

RUN NO. 85/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.547	-.099	688.21000	-.00100	.13200	.14030	.14340	.15190	.15130	.15130	.12570	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM-) (1E6047) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 86/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.440	-.092	687.31000	.01100	-.01620	-.01700	-.02020	-.01890	-.03330	-.03370	-.04640	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 87/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.468	-4.033	688.21000	-.04270	.01420	.02400	.02550	.03500	-.02210	-.03830	-.03540	.00000
.507	-.116	687.76000	-.00340	.00140	-.00250	-.00020	.00770	-.01250	-.02060	-.02190	.00000
.494	3.951	688.21000	.02580	-.02570	-.03900	-.03840	-.02610	.00280	.00590	.00380	.00000
	GRADIENT	.00076	.00856	-.00500	-.00789	-.00800	-.00765	.00312	.00554	.00491	.00000

ARC97-044-1IA82B OTS(SRB=NOM MPS=NOM-) (1E6047) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 88/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.623	-.089	687.99000	-.01400	.01800	-.00300	.01050	.01820	.00780	-.01730	-.00630	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=NOM MPS=NOM+) (1E6048) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 89/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.480	-.092	688.21000	.01010	.01070	.01050	.00430	.00640	-.00920	-.01050	-.02790	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 90/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.468	-4.033	698.88000	-.04220	.02850	.03060	.03230	.03410	-.01630	-.02250	-.02640	.00000
.487	-.113	689.33000	-.00360	.02480	.02090	.02420	.02980	.00340	.00220	-.00490	.00000
.464	3.961	688.88000	.02850	-.00540	-.01450	-.01490	-.01140	.02080	.02250	.02250	.00000
	GRADIENT	-.00073	.00884	-.00426	-.00566	-.00593	-.00572	.00464	.00562	.00612	.00000

RUN NO. 91/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.037	-.133	687.63000	-.01270	.03010	.02980	.03390	.03970	.02940	.00500	.01310	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (1E6049) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 134/ 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.952	-.165	923.58000	-.11030	-.34400	-.37390	-.37030	-.37090	-.35660	-.36880	-.36750	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 135/ 0 RN/L = 4.15 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.001	-4.082	923.88000	-.13380	-.31420	-.33260	-.33130	-.33660	-.36790	-.38180	-.38130	.00000
.018	-.168	923.88000	-.09350	-.34460	-.37030	-.37030	-.37090	-.36020	-.36880	-.36940	.00000
.001	3.906	924.18000	-.06250	-.36250	-.39400	-.39220	-.39310	-.34020	-.34680	-.34580	.00000
	GRADIENT	.03780	.00892	-.00604	-.00767	-.00761	-.00706	.00348	.00439	.00445	.00000

RUN NO. 136/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.088	-.169	923.58000	-.09700	-.34170	-.35900	-.36370	-.36420	-.36360	-.37100	-.37150	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (1E6050) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 137/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-4.055	-.165	924.78000	-.11150	-.12350	-.13640	-.12630	-.12350	-.13830	-.15980	-.14660	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 138/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.112	-4.082	922.07000	-.13170	-.08500	-.09680	-.07880	-.07440	-.14420	-.15210	-.15330	.00000
-.095	-.168	924.48000	-.09500	-.12370	-.12540	-.12540	-.13320	-.12750	-.13230	-.13810	.00000
-.112	3.906	923.28000	-.05960	-.14970	-.15110	-.15330	-.15920	-.09110	-.09640	-.08940	.00000
	GRADIENT	.14841	.00902	-.00809	-.00679	-.00931	-.01059	.00666	.00699	.00803	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (1E6050) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 139/ 0 RN/L = 4.04 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
3.978	-.165	925.39000	-.09510	-.08610	-.11880	-.09810	-.10530	-.09590	-.12870	-.12310	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (1E6051) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 143/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.707	-.117	777.40000	-.02880	-.24670	-.28590	-.26590	-.28640	-.28370	-.28960	-.28630	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 144/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.263	-4.030	777.15000	-.06110	-.23060	-.26300	-.26230	-.26040	-.28380	-.28830	-.28860	.00000
.269	-.120	777.21000	-.02890	-.24560	-.28390	-.28530	-.28370	-.28310	-.28910	-.28740	.00000
.263	3.952	777.65000	.00710	-.24540	-.28370	-.28890	-.28980	-.27460	-.27830	-.27590	.00000
	GRADIENT	.06178	.00855	-.00184	-.00258	-.00332	-.00367	.00116	.00126	.00160	.00000

RUN NO. 145/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.339	-.093	777.05000	.03520	-.24820	-.27980	-.28150	-.28070	-.28220	-.28350	-.28160	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=NOM MPS=NOM) (1E6052) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 140/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.741	-.114	777.91000	-.02860	-.03610	-.04290	-.03900	-.03940	-.04370	-.05700	-.06040	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 141/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.219	-4.033	778.67000	-.06230	-.00400	-.00640	.00660	.01360	-.04420	-.05160	-.05380	.00000
.243	-.120	779.17000	-.02520	-.01390	-.01770	-.01490	-.00840	-.02580	-.02930	-.03120	.00000
.283	3.952	779.68000	.00890	-.04400	-.05310	-.05420	-.05640	-.01500	-.01400	-.01130	.00000
	GRADIENT	.12648	.00891	-.00503	-.00587	-.00763	-.00879	.00365	.00470	.00532	.00000

RUN NO. 142/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.276	-.117	779.93000	-.03920	-.01080	-.03020	-.01580	-.01060	-.02210	-.04250	-.03130	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS(SRB=OFF MPS=OFF) (1E6053) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 146/ 0 RN/L = 3.44 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.463	-.107	688.98000	.00090	-.20750	-.24270	-.24870	-.24910	-.24790	-.25100	-.24910	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 147/ 0 RN/L = 3.43 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.511	-4.030	687.54000	-.05180	-.20130	-.22610	-.23040	-.23150	-.24530	-.24800	-.24800	.00000
.517	-.116	687.09000	-.01310	-.20690	-.23810	-.24440	-.24530	-.24420	-.24440	-.24440	.00000
.511	3.955	687.31000	.01680	-.20120	-.23680	-.24180	-.24300	-.23930	-.24080	-.23830	.00000
	GRADIENT	-.02825	.00858	.00002	-.00133	-.00141	-.00143	.00075	.00090	.00122	.00000

ARC97-044-IIA82B OTS(SRB=OFF MPS=OFF) (IE6053) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 148/ 0 RN/L = 3.42 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.557	-.110	687.99000	-.02340	-.20600	-.23590	-.24080	-.24040	-.24020	-.24140	-.24190	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS(SRB=NOM MPS=NOM) (IE6054) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 149/ 0 RN/L = 3.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.619	-.104	690.23000	-.00130	-.02110	-.01820	-.02540	-.02500	-.03460	-.04350	-.05150	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 150/ 0 RN/L = 3.37 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.451	-4.030	688.88000	-.05840	.00780	.01270	.01580	.02100	-.02950	-.04370	-.04290	.00000
.447	-.113	687.99000	-.01440	-.00060	-.00610	-.00410	.00560	-.02000	-.02220	-.02510	.00000
.431	3.982	688.01000	.01550	-.03000	-.04260	-.04120	-.03600	-.00200	-.00100	-.00120	.00000
	GRADIENT	-.03307	.00650	-.00475	-.00694	-.00715	-.00716	.00345	.00535	.00523	.00000

RUN NO. 151/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.427	-.107	687.31000	-.00530	.01440	-.00720	.00550	.01230	.00470	-.01660	-.00770	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (IE6055) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 154/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-4.008	-.165	926.59000	-.10750	-.33690	-.36700	-.36460	-.36390	-.34950	-.36140	-.36050	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 153/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.015	-4.082	924.18000	-.12810	-.30900	-.32650	-.32800	-.33280	-.36140	-.37450	-.37450	.00000
.018	-.147	921.17000	-.09040	-.33900	-.36350	-.36430	-.36570	-.35350	-.35590	-.36190	.00000
-.012	3.900	923.88000	-.05790	-.35370	-.38490	-.38360	-.38420	-.33330	-.33920	-.33940	.00000
	GRADIENT	-.03424	.00879	-.00559	-.00731	-.00696	-.00643	.00353	.00443	.00440	.00000

RUN NO. 152/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.065	-.165	923.88000	-.09460	-.33560	-.35460	-.35810	-.35910	-.35770	-.36550	-.36640	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (IE6055) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 155/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-4.038	-.159	923.28000	-.10720	-.12270	-.13430	-.12470	-.12320	-.13640	-.15670	-.14460	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 156/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.076	-4.088	921.77000	-.13030	-.08610	-.09620	-.08060	-.07590	-.14540	-.15200	-.15060	.00000
-.082	-.178	921.77000	-.09120	-.12130	-.12070	-.12160	-.12910	-.12480	-.12910	-.13040	.00000
-.102	3.930	927.79000	-.05810	-.14880	-.14760	-.15110	-.15720	-.09030	-.09590	-.08820	.00000
	GRADIENT	.75877	.00903	-.00784	-.00644	-.00881	-.01015	.00691	.00703	.00783	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (IE6056) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 157/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.048	-.140	928.39000	-.09360	-.08340	-.11180	-.09510	-.10210	-.09270	-.12430	-.11880	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (IE6057) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 158/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.682	-.096	775.99000	-.02220	-.23370	-.27390	-.27230	-.27250	-.26920	-.27920	-.27340	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 159/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.278	-4.040	774.38000	-.05760	-.21160	-.24290	-.23670	-.23860	-.27650	-.28380	-.28470	.00000
.325	-.130	777.76000	-.02590	-.23370	-.27270	-.27180	-.27070	-.27120	-.27900	-.27580	.00000
.312	3.945	776.75000	.01140	-.23950	-.27730	-.28160	-.28250	-.25420	-.25820	-.25360	.00000
	GRADIENT	.21839	.00664	-.00348	-.00429	-.00560	-.00548	.00281	.00322	.00391	.00000

RUN NO. 160/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.358	-.093	777.51000	-.02460	-.23780	-.27010	-.27420	-.27350	-.27460	-.27830	-.27170	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (1E6058) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 161/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.709	-.095	776.50000	-.02050	-.03860	- 04100	-.04170	-.04030	-.04520	-.05790	-.06560	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 162/ 0 RN L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.256	-4.037	778.77000	-.05820	-.00060	-.00440	.01280	.02350	-.04460	-.05330	-.05570	.00000
.255	- 130	780.80000	-.02390	-.01450	-.01820	-.01730	-.01020	-.03480	-.03750	-.04530	.00000
.245	3.945	778.52000	.01090	-.04530	-.05210	-.05560	-.05500	-.01390	-.01230	-.00970	.00000
	GRADIENT	-.03508	.00886	-.00561	-.00599	-.00858	-.00984	.00386	.00514	.00591	.00000

RUN NO. 163/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.421	-.093	776.24000	-.03310	-.00420	-.02330	-.01000	-.00440	-.01710	-.03760	-.03850	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (1E6059) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 164 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.483	- 095	697.75000	.01060	-.19910	-.23500	-.24030	-.24110	-.23930	- 24280	- 24300	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 165/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.478	-4.030	698.44000	-.04330	-.13550	-.21270	-.21400	-.21480	-.23710	-.24080	-.24310	.00000
.487	-.126	698.83000	-.00430	-.19930	-.23100	-.23650	-.23733	-.23650	-.23800	-.23940	.00000
.471	3.981	698.66000	.02730	-.19530	-.23320	-.23880	-.23980	-.22830	-.23160	-.23000	.00000
	GRADIENT	.02694	.00884	-.00120	-.00255	-.00309	-.00311	.00129	.00116	.00165	.00000

AR097-044-11A82B OTS(SRB=OFF MPS=OFF) (166059) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 166/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
+.813	-.088	698.68000	-.01960	-.19840	-.23000	-.23260	-.23470	-.23260	-.23470	-.23340	.00000
	GRADIENT	.00000	.00130	.00000	00000	.00000	.00000	.00000	00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM MPS=NOM) (166060) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 4.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 167/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.810	- 088	697.32000	.01180	-.01010	-.00700	-.01460	-.01400	-.02490	-.03390	-.04410	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 168/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
317	-4.030	699.66000	-.04260	.03430	.02000	.02410	.03020	-.02230	-.03720	-.03640	.00000
.+03	-.126	690.03000	-.00400	.00670	00400	.00540	.01630	-.01090	-.01440	-.01680	.00000
.+01	3.965	690.69000	.02640	-.02260	- 04040	-.04460	-.03140	.02540	.00600	.00680	.00000
	GRADIENT	.04004	.01462	-.00484	- 00702	- 00767	-.00774	.00947	.00841	.00541	.00000

RUN NO. 169/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
+.047	-.086	688.89000	-.01470	.03800	.00050	.01370	.02110	.01810	-.01000	-.00040	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=OFF MPS=OFF) (1E6D61) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 170/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.07	-.168	986.07000	-.10760	-.32190	-.34390	-.34390	-.34390	-.33830	-.34830	-.34880	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 171/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.018	-4.078	984.56000	-.13070	-.28690	-.29720	-.29790	-.30140	-.36060	-.37540	-.37710	.00000
-.010	-1.130	983.66000	-.11320	-.30380	-.31900	-.31890	-.32170	-.35360	-.35420	-.36820	.00000
-.044	-.168	984.56000	-.09210	-.33270	-.34360	-.34490	-.34630	-.34100	-.34720	-.34940	.00000
-.078	1.893	984.56000	-.07300	-.33970	-.36510	-.36790	-.36650	-.32580	-.32810	-.32960	.00000
-.112	3.803	984.56000	-.05980	-.34810	-.37930	-.38010	-.37930	-.31460	-.31440	-.31700	.00000
	GRADIENT	.03031	.00922	-.00792	-.01057	-.01068	-.01003	.00598	.00602	.00785	.00000

RUN NO. 172 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.138	-.137	984.56000	-.07800	-.31670	-.33230	-.33890	-.33630	-.34100	-.34860	-.34740	.00000
	GRADIENT	0.000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM MPS=NOM) (1E6D62) 22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 173 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.07	-.140	991.65000	-.10770	-.12270	-.13840	-.12790	-.12360	-.13510	-.13850	-.14480	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

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ARC97-044-11A92B OTS(SRB=NOM MPS=NOM) (1E60S2) (22 JAN 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 BF = 30.700

RUN NO. 1747 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.075	-.073	926.07000	-.13210	-.08660	-.09910	-.08570	-.08010	-.14920	-.15560	-.15980	.00000
-.075	-2.130	924.85000	-.11350	-.10620	-.10840	-.10920	-.10920	-.13710	-.14070	-.15110	.00000
-.071	-.106	926.17000	-.09380	-.12440	-.12680	-.12660	-.13540	-.15020	-.15360	-.13170	.00000
-.048	1.830	927.27000	-.07570	-.13390	-.13500	-.14030	-.15760	-.11190	-.11490	-.11310	.00000
-.089	3.903	922.76000	-.05810	-.14340	-.15030	-.15220	-.15440	-.08810	-.09010	-.09780	.00000
	GRADIENT	-.21477	.00933	-.00797	-.00645	-.00828	-.00638	.01743	.00643	.00909	.00000

RUN NO. 175 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.065	-.143	922.15000	-.09450	-.08400	-.11470	-.09480	-.10360	-.08960	-.10880	-.11710	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (E60S3) 22 JAN 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 1.550 BF = 30.700

RUN NO. 176 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.690	-.098	775.10000	-.08860	-.23430	-.27470	-.27580	-.27470	-.27140	-.27810	-.27480	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 177 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.081	-.114	777.41000	-.09470	-.21470	-.24060	-.25810	-.25430	-.25740	-.25750	-.25450	.00000
-.084	-2.109	778.21000	-.07670	-.22860	-.26250	-.26080	-.27500	-.25930	-.26120	-.26330	.00000
-.084	-.110	776.09000	-.05810	-.23470	-.27290	-.26770	-.27580	-.26260	-.26370	-.27180	.00000
-.041	1.824	775.14000	-.03910	-.24140	-.27810	-.28450	-.28610	-.26430	-.27040	-.27010	.00000
-.044	3.874	774.44000	-.01910	-.23790	-.27530	-.28169	-.28120	-.26610	-.26910	-.26850	.00000
	GRADIENT	-.21481	.01915	-.01294	-.00411	-.01844	-.01533	.00231	.00304	.01947	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (156063) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 178/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.450	-.095	777.20000	-.03030	-.23930	-.27320	-.27560	-.27520	-.27430	-.27470	-.27410	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (156064) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 179/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.715	-.095	778.72000	-.02180	-.03500	-.03490	-.03730	-.03730	-.04270	-.05850	-.06710	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 180/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.244	-4.027	778.72000	-.05580	.03740	-.00110	.01500	.02220	-.04440	-.05180	-.05480	.00000
.240	-2.032	778.72000	-.03730	.00130	-.00270	.00490	.00740	-.03980	-.04700	-.05230	.00000
.257	-.120	778.72000	-.02140	-.01000	-.01040	-.01000	-.00760	-.02720	-.03480	-.04180	.00000
.237	1.938	778.97000	-.00360	-.02960	-.03650	-.03580	-.03430	-.00850	-.01060	-.01010	.00000
.230	3.951	779.23000	.01410	-.04510	-.05040	-.05470	-.05510	-.00940	-.01010	-.00740	.00000
	GRADIENT	.00392	.00868	-.00677	-.00664	-.00902	-.00984	.00507	.00595	.00684	.00000

RUN NO. 181/ 0 RN/L = 3.59 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.430	-.092	779.48000	-.03060	-.00670	-.02660	-.01070	-.00840	-.01410	-.03560	-.02210	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=OFF MPS=OFF) (1E6065) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 182/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.493	-.088	687.31000	.00370	-.19580	-.23330	-.23900	-.24060	-.23840	-.24390	-.24290	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 183 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.421	-4.017	687.76000	-.04350	-.18440	-.21120	-.21100	-.21040	-.23640	-.24150	-.24210	.00000
.457	-2.075	689.21000	-.01340	.19280	-.22620	-.22980	-.22760	-.23680	-.24050	-.24210	.00000
.487	-.110	687.76000	-.00530	-.19750	-.23030	-.23720	-.23600	-.23690	-.24010	-.24140	.00000
.473	1.945	687.54000	.01040	-.19720	- 23400	-.24050	-.24080	-.23490	-.23850	-.23770	.00000
.467	3.958	687.54000	.02620	-.19510	-.23380	-.24010	-.24120	-.22850	-.23110	-.22390	.00000
	GRADIENT	-.05695	.00436	-.00123	-.00264	-.00348	-.00373	.00090	.00115	.00145	.00000

RUN NO. 184/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.603	-.085	687.76000	-.01700	-.19880	-.23150	-.23530	-.23690	-.23490	-.23900	-.23670	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS(SRB=NOM MPS=NOM) (1E6066) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. YMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 185/ 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.01090	-.01440	-.01990	-.03280	-.04100	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A823 OTS(SRB=NOM MPS=NOM) (1E6066) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = 8.000 ELV-0B = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 186/ 0 RN/L = 3.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.417	-4.017	690.90000	-.04420	.01500	.01230	.02110	.02580	-.02680	-.04320	-.04050	.00000
.433	-2.078	690.23000	-.01890	.01270	.00540	.01700	.02020	-.01980	-.04240	-.03770	.00000
.450	-.118	690.55000	-.00440	.00850	.00180	.00300	.01160	-.00890	-.01560	-.01540	.00000
.433	1.945	689.10000	.01010	-.00250	-.01870	-.01600	-.01150	.00580	.00130	.00150	.00000
.431	3.985	688.43000	.02530	-.02070	-.03720	-.03290	-.03090	.00730	.00470	.00650	.00000
	GRADIENT		-.30376	.00840	-.00435	-.00623	-.00708	-.00729	.00470	.00699	.00668	.00000

RUN NO. 187/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.547	-.085	687.76000	-.01570	.02260	-.00180	.01070	.01620	.01320	-.01140	-.00100	.00000
	GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A828 OTS(SRB=OFF MPS=OFF) (1E6067) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = 10.000 ELV-0B = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 188/ 0 RN/L = 4.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.985	.150	903.08000	-.10720	-.32400	-.34490	-.34450	-.34430	-.33990	-.35090	-.35010	.00000
	GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 189/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.015	-4.078	925.68000	-.12900	-.28640	-.29490	-.29630	-.29850	-.36150	-.37840	-.37910	.00000
.009	-.171	924.78000	-.03100	-.32110	-.34160	-.34260	-.34260	-.34140	-.34730	-.35070	.00000
-.015	3.900	924.78000	-.05900	-.35010	-.38160	-.38320	-.38170	-.31590	-.31560	-.31760	.00000
	GRADIENT		-.11335	.00889	-.00798	-.01095	-.01088	-.01042	.00572	.00787	.00771	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (IE6067) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 190/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.129	-.144	925.39000	-.03510	-.31910	-.33410	-.33930	-.33690	-.34160	-.34930	-.34630	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (IE6068) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 1.550 PT = 30.700

RUN NO. 191/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.038	-.144	922.98000	-.10800	-.12330	-.13840	-.13010	-.12620	-.13560	-.15980	-.14790	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 192/ 0 RN/L = 4.15 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.076	-.079	924.18000	-.13110	-.08330	-.09400	-.08470	-.07800	-.14400	-.15440	-.15620	.00000
-.075	-.171	925.38000	-.09180	-.12340	-.12910	-.12750	-.13480	-.12080	-.12450	-.13620	.00000
-.092	3.900	925.62000	-.05710	-.14990	-.15110	-.15380	-.15990	-.08780	-.09160	-.08950	.00000
	GRADIENT	.18844	.00927	-.00833	-.00714	-.00865	-.01024	.00705	.00787	.00838	.00000

RUN NO. 193/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.008	-.140	922.38000	-.03390	-.08160	-.11440	-.09410	-.10100	-.08570	-.11930	-.11270	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (1E6069) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 194/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.680	-.092	776.95000	-.02080	-.23510	-.27420	-.27620	-.27520	-.27120	-.27660	-.27460	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 195/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.284	-4.024	776.95000	-.05750	-.21570	-.24130	-.23780	-.23860	-.27570	-.28390	-.28590	.00000
.304	-.123	778.47000	-.02090	-.23470	-.27290	-.27720	-.27470	-.27360	-.27830	-.27850	.00000
.284	3.948	777.46000	.01330	-.23800	-.27700	-.28210	-.28040	-.25780	-.26030	-.25870	.00000
	GRADIENT	.06170	.00888	-.00278	-.00445	-.00552	-.00522	.00226	.00297	.00342	.00000

RUN NO. 196/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.470	-.092	776.95000	-.03070	-.23920	-.27270	-.27510	-.27510	-.27490	-.27530	-.27360	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (1E6070) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 197/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.723	-.092	774.42000	-.02190	-.03260	-.03240	-.03810	-.03700	-.04120	-.05590	-.06540	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.140	-4.037	774.17000	-.05720	.00490	-.00260	.01370	.01930	-.04560	-.05300	-.05700	.00000
.260	-.129	776.70000	-.02220	-.01320	-.01790	-.01680	-.01080	-.02790	-.03080	-.03150	.00000
.244	3.945	778.47000	.01340	-.04580	-.05200	-.05590	-.05720	-.01070	-.01300	-.01210	.00000
	GRADIENT	.53798	.00884	-.00536	-.00620	-.00873	-.00960	.00437	.00501	.00562	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (1E6070) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.000 PT = 30.700

RUN NO. 199/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.177	-.120	775.43000	-.03040	-.00860	-.03130	-.01300	-.00950	-.01750	-.03770	-.02260	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (1E6071) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 203/ 0 RN/L = 3.36 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.377	-.101	698.88000	.01060	-.19330	-.23040	-.23470	-.23530	-.23660	-.24040	-.23760	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 204/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.569	-4.030	698.66000	-.04010	-.18530	-.21150	-.21440	-.21500	-.23380	-.23660	-.23620	.00000
.600	-.110	686.87000	-.00300	-.19320	-.22660	-.23410	-.23350	-.23500	-.23680	-.23720	.00000
.568	3.964	697.54000	.02860	-.19110	-.22850	-.23380	-.23480	-.23090	-.23240	-.23200	.00000
	GRADIENT	-.13810	.00859	-.00066	-.00212	-.00241	-.00246	.00037	.00053	.00053	.00000

RUN NO. 205/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.477	-.107	697.76000	-.01340	-.19480	-.22770	-.23200	-.23410	-.23610	-.23670	-.23470	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (IE6072) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = -4.000
MACH = 2.200 PT = 30.700

RUN NO. 200/ 0 RN/L = 3.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.407	-.101	689.33000	.00710	-.00310	-.00550	-.01040	-.00860	-.01140	-.01860	-.02880	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 201/ 0 RN/L = 3.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.535	-+.030	688.88000	-.04290	.01360	.00630	.01980	.02360	-.02070	-.03780	-.03640	.00000
.553	-.113	688.43000	-.00450	.00450	-.00430	.00020	.00430	-.00790	-.01430	-.01330	.00000
.531	3.951	687.93000	.02660	-.01960	-.03560	-.03230	-.02990	.01060	.00610	.00900	.00000
	GRADIENT	-.11135	.00869	-.00417	-.00526	-.00653	-.00671	.00392	.00549	.00568	.00000

RUN NO. 202/ 0 RN/L = 3.37 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.403	-.104	687.54000	-.01370	.02430	-.00130	.01270	.01760	.01490	-.00940	.00160	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (IE6073) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 206/ 0 RN/L = 4.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.651	-.156	923.65000	-.10650	-.34380	-.37520	-.36920	-.36850	-.35540	-.37000	-.36690	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 207/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.102	-+.092	925.47000	-.13130	-.31650	-.33450	-.33190	-.33610	-.37480	-.39100	-.38960	.00000
.15	-.174	924.66000	-.09190	-.34240	-.37030	-.36900	-.36800	-.36300	-.37200	-.37290	.00000
.186	3.906	922.76000	-.05740	-.36180	-.39510	-.39450	-.39400	-.33850	-.34640	-.34420	.00000
	GRADIENT	-.33346	.00925	-.00566	-.00758	-.00782	-.00724	.00455	.00559	.00569	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (1E6073) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 208/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.232	-.131	923.36000	-.09600	-.34060	-.35880	-.36440	-.36310	-.36300	-.36880	-.36680	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (1E6074) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 209/ 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.911	-.131	922.15000	-.10560	-.12440	-.13860	-.13240	-.12780	-.13610	-.15780	-.14870	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 210/ 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.039	-4.082	924.56000	-.13150	-.08340	-.09550	-.08490	-.07810	-.14570	-.15910	-.15980	.00000
.035	-.174	925.77000	-.09190	-.12340	-.12950	-.12830	-.13580	-.12340	-.12520	-.13480	.00000
.012	3.906	923.66000	-.05430	-.14990	-.15400	-.15660	-.16050	-.08850	-.09280	-.09050	.00000
	GRADIENT	-.11565	.00959	-.00831	-.00731	-.00883	-.01028	.00717	.00830	.00869	.00000

RUN NO. 211/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.113	-.131	922.49000	-.09740	-.09350	-.11580	-.09530	-.10270	-.08540	-.12210	-.11410	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (IE6075) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 212/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.555	-.083	774.99000	-.02120	-.23110	-.26940	-.27160	-.26920	-.26580	-.27360	-.26920	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 213/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.396	-4.034	775.48000	-.05550	-.20910	-.23440	-.23060	-.23120	-.26910	-.27720	-.27770	.00000
.408	-.126	776.75000	-.02000	-.23040	-.26780	-.27220	-.27000	-.26820	-.27460	-.27510	.00000
.336	3.954	776.75000	.01640	-.23240	-.26980	-.27550	-.27490	-.25050	-.25320	-.25180	.00000
	GRADIENT	.15781	.00900	-.00290	-.00440	-.00559	-.00544	.00234	.00302	.00326	.00000

RUN NO. 214/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.328	-.083	776.50000	-.03040	-.23550	-.26850	-.27030	-.27030	-.27120	-.27160	-.27070	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (IE6076) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 215/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.522	-.083	774.47000	-.02030	-.22870	-.26960	-.27460	-.27200	-.27580	-.28190	-.27880	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 216/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.332	-4.031	775.74000	-.05460	.00910	.00270	.01710	.02280	-.04180	-.04930	-.05240	.00000
.371	-.126	776.50000	-.01920	-.00820	-.01460	-.01310	-.00800	-.02570	-.03010	-.03070	.00000
.345	3.957	777.25000	.01240	-.04440	-.05100	-.05490	-.05380	-.00900	-.01140	-.01080	.00000
	GRADIENT	.19839	.00838	-.00671	-.00674	-.00902	-.00960	.00411	.00474	.00521	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (IE6076) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 217/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.451	-.083	777.51000	-.02900	-.00340	-.02900	-.00890	-.00600	-.00840	-.03010	-.01570	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (IE6077) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 218/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.367	-.079	697.31000	.01630	-.18840	-.22630	-.23110	-.23310	-.23330	-.23650	-.23680	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 219/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.578	-4.026	698.43000	-.03820	-.17740	-.20320	-.20280	-.20170	-.22810	-.23570	-.23690	.00000
.597	-.110	688.66000	-.00200	-.19270	-.22590	-.23290	-.23220	-.23040	-.23330	-.23510	.00000
.581	3.951	698.43000	.02790	-.19300	-.23060	-.23700	-.23760	-.22560	-.23000	-.22770	.00000
	GRADIENT	-.00037	.00027	-.00194	-.00342	-.00426	-.00447	.00032	.00071	.00116	.00000

RUN NO. 220/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.782	-.075	698.43000	-.01540	-.19630	-.22910	-.23240	-.23260	-.23200	-.23430	-.23120	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (1E6078) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 10.000 ELV-CB = .000
MACH = 2.200 PT = 30.700

RUN NO. 221/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.393	-.079	686.6+000	.01220	-.00680	-.00600	-.01200	-.01120	-.01530	-.02770	-.03640	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 222/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.484	-4.026	688.21000	-.03840	.02400	.02070	.02980	.03370	-.01720	-.03300	-.03200	.00000
.507	-.082	685.30000	-.00250	.00680	-.00030	.00080	.00790	-.00960	-.01660	-.01660	.00000
.528	3.965	690.67000	.02660	-.01720	-.03290	-.03020	-.02880	.01140	.00680	.01030	.00000
	GRADIENT	.31219	.00314	-.00516	-.00672	-.00752	-.00784	.00359	.00499	.00631	.00000

RUN NO. 223/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.667	-.082	690.45000	-.01500	.02510	-.00000	.01300	.01690	.01630	-.00780	.00250	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (1E6079) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-CB = .000
MACH = 1.560 PT = 30.700

RUN NO. 224/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.883	-.147	925.08000	-.10800	-.24680	-.37360	-.37360	-.37240	-.35810	-.37330	-.36990	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 225/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.105	-4.088	923.58000	-.13060	-.28870	-.20360	-.29990	-.30260	-.36050	-.37760	-.37590	.00000
.115	-.181	924.18000	-.09010	-.30350	-.34590	-.34590	-.34600	-.34250	-.3[illegible]990	-.35060	.00000
.092	3.897	923.88000	-.05560	-.34950	-.38090	-.38140	-.38030	-.31500	-.31730	-.3[illegible]810	.00000
	GRADIENT	.03876	.00937	-.00761	-.01017	-.01032	-.00972	.00571	.00755	.00736	.00000

AP097-044-11A82B OTS(SRB=OFF MPS=OFF) (1E60791 (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 226/ 0 RN/L = 4.17 GRADIENT INTER ' = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.345	-.144	923.88000	-.07360	-.31870	-.33280	-.33910	-.33770	-.34310	-.34980	-.34930	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP097-044-11A82B OTS(SRB=NOM MPS=NOM) (1E60801 (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 227/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.905	-.144	924.48000	-.10740	-.12300	-.13730	-.12990	-.12440	-.13530	-.15770	-.14570	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 228/ 0 RN/L = 4.12 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.005	-4.098	924.18000	-.13280	-.08430	-.09570	-.08020	-.07840	-.09470	-.10790	-.10910	.00000
.025	-.147	924.48000	-.09870	-.12410	-.12870	-.12490	-.11500	-.13420	-.15440	-.13780	.00000
.015	3.807	925.68000	-.06770	-.15100	-.15920	-.15490	-.14010	-.16080	-.18420	-.16880	.00000
	GRADIENT	.15000	.03240	-.00834	-.00732	-.00903	-.01020	.00718	.00739	.01882	.00000

RUN NO. 229/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.178	-.137	925.68000	-.04470	-.08370	-.11620	-.09570	-.10450	-.08940	-.12450	-.11730	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (1E608I) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 230/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.995	- 095	775.69000	-.03310	-.03450	-.27300	-.27410	-.27430	-.26940	-.27780	-.27300	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 231/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.371	-4.037	777.20000	-.05730	-.21140	-.23880	-.23440	-.23400	-.27120	-.27960	-.28090	.00000
.471	-.132	777.20000	-.02310	-.23290	-.27060	-.27340	-.27140	-.26950	-.27630	-.27590	.00000
.571	3.945	777.45000	.01250	-.23720	-.27540	-.28000	-.27900	-.25330	-.25540	-.25570	.00000
	GRADIENT	.03391	.07904	-.00382	-.00456	-.00568	-.00561	.00226	.00292	.00342	.00000

RUN NO. 232/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.570	-.092	776.70000	-.03060	-.23630	-.26920	-.27140	-.27150	-.27120	-.27170	-.27030	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (1E608J) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 233/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.990	- 096	775.43000	-.02830	-.03130	-.03460	-.03700	-.03570	-.04050	-.05750	-.03450	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 234/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.334	-4.040	774.92000	-.05680	.00780	.00170	.01620	.02410	-.04330	-.05080	- 05400	.00000
.434	-.132	774.92000	-.02160	-.00900	-.01370	-.01430	-.00770	-.02670	-.03040	- 03300	.00000
.534	3.945	774.92000	.01430	-.04360	-.05030	-.05000	-.05090	-.00730	-.01010	- 00990	.00000
	GRADIENT	-.00010	.00890	-.00845	-.00849	-.00829	-.00940	.00451	.00511	.00552	.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (ES382) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = 8.000 ELV-0B = .000
MACH = 3.000 PT = 30.700

RUN NO. 235/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
+.49+	+.033	774.92000	+.03000	+.00460	+.02910	+.01030	+.00810	+.01160	+.03880	+.01890	.00000
	GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(SRB=OFF MPS=OFF) (ES383) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = 8.000 ELV-0B = .000
MACH = 3.000 PT = 30.700

RUN NO. 236/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.37+	+.086	697.64000	.01+40	+.13430	+.23190	+.23670	+.23750	+.23710	+.24800	+.24180	.00000
	GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 237/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.681	+.073	698.69000	+.01+50	+.13610	+.23080	+.23+70	+.23+50	+.23+80	+.24+10	+.24010	.00000
.69+	+.128	699.79+00	+.01+70	+.13720	+.23070	+.23+70	+.23+00	+.23+40	+.23+10	+.23910	.00000
.6+8	3.382	699.+1+0	.01+80	+.13+40	+.23140	+.23+50	+.23+30	+.23+40	+.23+10	+.23+30	.0000
	GRADIENT	.00000	.00+56	+.00174	+.00287	+.00+68	+.00+39	.00+0	.00+05	.00+38	.0000

RUN NO. 238/ 0 RN/L 3.29 GRADIENT INTERVAL = 5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
+.783	+.082	699.69000	+.01+50	+.13540	+.23090	+.23160	+.23+40	+.23+40	+.23+30	+.23+30	.00000
	GRADIENT										.00000

ARC97-044-11A82B OTS(SRB=NOM MPS=NOM) (1E6084) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = 8.000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 239/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.403	-.085	697.99000	.01130	-.00480	-.00530	-.01140	-.01020	-.01580	-.02900	-.03700	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 240/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.494	-4.030	686.64000	-.04230	.01950	.01910	.02730	.03210	-.01960	-.03380	-.03240	.00000
.650	-.126	687.03000	-.00260	.01250	.00650	.00650	.01490	-.00550	-.01250	-.01330	.00000
.841	3.955	690.23000	.02670	-.01940	-.03360	-.03090	-.02760	.00940	.01240	.00680	.00000
	GRADIENT	.45202	.00863	-.00489	-.00662	-.00730	-.00750	.00263	.00503	.00516	.00000

RUN NO. 241/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
+.723	-.082	689.33000	-.01610	.02410	-.00070	.01310	.01810	.01440	-.00990	.00080	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (1E6085) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 248/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-4.001	-.150	925.47000	-.13100	-.13330	-.11900	-.11840	-.13370	-.15470	-.13850	.00000	
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	

RUN NO. 249/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.132	-4.079	922.48000	-.06540	-.09480	-.07390	-.07260	-.14240	-.14670	-.14720	.00000	
-.021	-.171	924.86000	-.11730	-.11880	-.11830	-.12720	-.12710	-.13540	-.13890	.00000	
-.342	3.897	926.07000	-.14670	-.14730	-.15040	-.15220	-.09180	-.09800	-.08810	.00550	
	GRADIENT	.45156	-.00758	-.00665	-.00958	-.00995	.00636	.00613	.00744	.00000	

AR097-044-11A82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (1E6085) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1280.3000 IN. YMRP = .0000 IN. YT
BREF = 1280.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 250/ 0 RN/L = 4.04 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q/QREF	CP321	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.02	-.185	923.36000	-.11330	-.11340	-.09400	-.10090	-.09310	-.12540	-.11940	.00000	
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	

AR097-044-11A82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (1E6086) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1280.3000 IN. YMRP = .0000 IN. YT
BREF = 1280.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 242/ 0 RN/L = 3.62 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q/QREF	CP321	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.993	-.099	774.98000	-.04810	-.04890	-.03060	-.02710	-.02680	-.04030	-.05370	-.05680	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 243/ 0 RN/L = 3.63 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q/QREF	CP321	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.035	-4.037	778.76000	-.05680	-.05130	-.03120	-.01480	-.03410	-.03690	-.04400	-.04730	.00000
.016	-.103	778.44000	-.04140	-.03740	-.01870	-.02540	-.00560	-.02070	-.03280	-.02710	.00000
.009	3.948	778.07000	-.01810	-.02510	-.04500	-.05137	-.04650	-.02470	-.02290	-.00310	.00000
	GRADIENT	.06206	.03396	-.00455	-.00051	-.00638	-.00972	.00403	.00515	.00554	.00000

RUN NO. 244/ 0 RN/L = 3.61 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q/QREF	CP321	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.168	-.114	778.88000	-.04870	-.04850	-.01870	-.00780	-.00160	-.01450	-.02420	-.02640	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(MPS(1) OFF SRB=NOM MPS=NOM) (IE6087) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 245/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
3.460	-.104	688.88000	.01220	-.00590	-.00490	-.01000	-.00880	-.02360	-.03020	-.04110	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 246/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
+.483	-.036	690.23000	-.04060	.01960	.02800	.02870	.03460	-.01630	-.02930	-.02950	.00000
.+.93	-.113	691.35000	-.00170	.00850	.00560	.00690	.01630	-.00870	-.01160	-.01690	.00000
+3+	3.352	692.04000	.02760	-.01830	-.02950	-.02960	-.02240	.01100	.01350	.01220	.00000
	GRADIENT	.25171	.00854	-.00476	-.00709	-.00732	-.00716	.00343	.00537	.00524	.00000

RUN NO. 247/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
+.500	-.110	692.02000	-.01460	.02640	.00630	.02090	.02880	.01610	-.00740	.00220	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (IE6088) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 251/ 0 RN/L = 4.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.108	-.140	825.00000	-.10370	-.13550	-.14420	-.13660	-.13600	-.14540	-.16200	-.14860	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 252/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.039	-.085	825.00000	-.12380	-.09390	-.10300	-.09090	-.08380	-.14760	-.15060	-.15090	.00000
.+05	-.171	824.40000	-.03400	-.13870	-.12770	-.12870	-.13250	-.13540	-.14000	-.14030	.00000
-.019	3.900	823.20000	-.05960	-.15450	-.15960	-.16070	-.16200	-.10370	-.11010	-.10290	.00000
	GRADIENT	-.22589	.00892	-.00808	-.00709	-.00874	-.00978	.00551	.00509	.00603	.00000

APC97-044-11A82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (1E6088) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 253/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
+.105	-.137	924.40000	-.04610	-.09550	-.11880	-.10470	-.11220	-.09870	-.13070	-.12440	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

APC97-044-11A82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (1E6089) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 254/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.651	-.089	776.1+000	-.01930	-.04800	-.04880	-.05150	-.04910	-.05790	-.06270	-.07180	.00000
	GRADIENT	.00000	.0[illegible] 0	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. [illegible] 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q PSF)	[illegible]	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.310	-+ 033	[illegible]	[illegible]	[illegible]	.03690	.01530	.00250	-.04470	-.05180	-.05400	.00000
.308	-.183	[illegible]	[illegible]	-.02[illegible]	-.02720	-.03220	-.02410	-.03620	-.03620	-.04240	.00000
.305	3.345	[illegible]	[illegible]	-.05870	-.05820	-.06000	-.05230	-.02760	-.02640	-.02960	.00000
	GRADIENT	.06830	[illegible]93	-.00643	-.00816	-.00942	-.01011	.00214	.00318	.00306	.00000

RUN NO. [illegible] 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
[illegible]	-.089	[illegible]	[illegible]	-.01740	-.03350	-.02960	-.01880	-.01660	-.03660	-.02540	.00000
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

ARC97-044-11A82B OTS(MPS(2) OFF SRB=NOM MPS=NOM) (1E6090) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1200.0000 IN. YMRP = .0000 IN. YT
BREF = 1293.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = .000 ELV-CB = .000
MACH = 2.200 PT = 30.700

RUN NO. 257/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.433	-.085	687.70000	.01040	-.01970	-.02160	-.02490	-.02140	-.03770	-.03950	-.04700	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 258/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.468	-4.330	689.55000	-.03970	.01770	.02780	.02680	.03950	-.01950	-.03350	-.03180	.00000
.523	-.119	689.10000	-.00350	-.00800	-.00940	-.01070	-.00290	-.01830	-.02670	-.02670	.00000
.514	3.952	686.10000	.02730	-.02960	-.04140	-.04230	-.02670	-.00540	-.00190	-.00600	.00000
	GRADIENT	-.42899	.00839	-.00592	-.00866	-.00865	-.00828	.00178	.00397	.00326	.00000

RUN NO. 259/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.633	-.085	689.10000	-.01710	.00680	-.01620	-.00490	.00400	.00480	-.01770	-.00840	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (1E6091) (22 JAN 76

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1200.0000 IN. YMRP = .0000 IN. YT
BREF = 1293.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = .000 ELV-CB = .000
MACH = 1.560 PT = 30.700

RUN NO. 278/ 0 RN/L = 4.04 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.915	-.114	925.39000	-.02450	-.31610	-.34250	-.34550	-.34570	-.33420	-.34090	-.34170	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 279/ 0 RN/L = 4.03 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.038	-4.085	923.55000	-.04090	-.28730	-.30550	-.30580	-.30820	-.35460	-.36840	-.36990	.00000
.052	-.171	924.18000	-.00020	-.31570	-.34010	-.34290	-.34250	-.33590	-.34160	-.34360	.00000
.055	3.897	925.08000	.03540	-.33590	-.37320	-.37220	-.37150	-.30810	-.30790	-.31120	.00000
	GRADIENT	.18814	.00955	-.00608	-.00848	-.00831	-.00793	.00583	.00758	.00736	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (1E6091) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 280/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.195	-.137	924.78000	.00100	-.31720	-.34340	-.34310	-.34030	-.34090	-.34770	-.34830	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=NOM MPS=NOM) (1E6092) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 281/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.962	-.140	925.08000	-.02170	-.14360	-.16490	-.15120	-.15650	-.14680	-.17060	-.15400	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 282/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.008	-4.085	923.28000	-.03830	-.09730	-.10920	-.09360	-.09090	-.15150	-.15440	-.15620	.00000
-.002	-.171	924.48000	-.00060	-.13020	-.13470	-.13670	-.13740	-.13440	-.13870	-.13840	.00000
-.029	3.897	924.18000	.03820	-.15420	-.15900	-.16020	-.15820	-.10440	-.10910	-.10560	.00000
	GRADIENT	.11152	.00341	-.00712	-.00624	-.00758	-.00729	.00491	.00569	.00635	.00000

RUN NO. 283/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.068	-.165	925.38000	.00670	-.08710	-.12380	-.10500	-.11040	-.09720	-.13320	-.12710	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (1E6093) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 284/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-4.032	-.162	925.39000	-.03020	-.01050	-.01790	-.01640	-.01500	-.01060	-.01850	-.01990	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO 285/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-.045	-4.085	924.18000	-.03490	.03530	.03820	.04160	.05040	-.01250	.00380	-.00850	.00000
-.032	-.171	923.26000	.00390	.01010	.02160	.01160	.01300	.00670	.01380	.00070	.00000
-.152	3.697	922.38000	.04310	-.01960	.00110	-.00910	-.01060	.03850	.03950	.03780	.00000
	GRADIENT	-.22648	.00977	-.00688	-.00465	-.00634	-.00763	.00640	.00449	.00592	.00000

RUN NO. 286/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.008	-.169	924.48000	.01300	.04780	.04170	.04230	.04490	.04590	.02579	.00660	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (1E6094) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 269/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.587	-.082	776.64000	.03470	-.22310	-.26740	-.26610	-.26690	-.26230	-.27430	-.26740	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.273	-4.036	776.39000	-.01290	-.20360	-.24230	-.23870	-.23900	-.27540	-.29270	-.28320	.00000
.373	-.123	777.40000	.03160	-.22660	-.26930	-.27160	-.27110	-.27060	-.27710	-.27570	.00000
.353	3.945	777.66000	.07160	-.23200	-.27620	-.28240	-.28210	-.24540	-.25010	-.24410	.00000
	GRADIENT	.15723	.01058	-.00354	-.00423	-.00546	-.00538	.00377	.00410	.00492	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (1E6094) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 271/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.529	-.089	777.91000	.01980	-.23300	-.26860	-.27210	-.27220	-.27150	-.27170	-.26950	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=NOM MPS=NOM) (1E6095) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 272/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.624	-.095	778.16000	.02600	-.04510	-.05330	-.05280	-.05150	-.04640	-.05680	-.05950	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 273/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.850	-4.033	777.65000	-.01230	-.00210	-.00810	-.00610	.00120	-.00300	-.00170	-.00260	.00000
.333	-.123	778.16000	.03130	-.03660	-.03810	-.04480	-.03950	-.03990	-.03900	-.04500	.00000
.317	3.945	776.84000	.01220	-.04730	-.05640	-.06820	-.05370	-.01070	-.01020	-.00650	.00000
	GRADIENT	-.03671	.01366	-.01557	-.01609	-.00661	-.00686	.00519	.00546	.00705	.00000

RUN NO. 274/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
1.478	-.092	776.14000	.02060	-.01520	-.04230	-.03150	-.02470	-.01960	-.04060	-.03170	.00000
	GRADIENT	.00000	.00130	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (1E6096) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 2.000 PT = 30.700

RUN NO. 275/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.584	-.095	777.40000	.02880	.07770	.09280	.07240	.07170	.08350	.09480	.05630	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 276/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.306	-4.033	775.93000	-.00560	.11190	.12470	.10600	.10440	.08170	.08680	.07620	.00000
.339	-.123	775.12000	.03570	.10570	.11340	.09870	.09820	.09930	.10300	.07810	.00000
.317	3.945	775.68000	.07590	.09630	.08860	.08390	.08410	.09410	.11560	.09250	.00000
	GRADIENT	.03238	.01021	-.00322	-.00454	-.00278	-.00255	.00154	.00361	.00205	.00000

RUN NO. 277/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.476	-.089	777.91000	.03300	.13950	.12310	.12150	.12190	.12730	.10910	.09270	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (1E6097) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 2.200 PT = 30.700

RUN NO. 260/ 0 RN/L = 3.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.350	-.082	697.09000	.04180	-.19200	-.23160	-.23680	-.23760	-.23510	-.23560	-.23840	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 261/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.585	-4.086	697.76000	-.01240	-.18510	-.21630	-.21950	-.22160	-.23600	-.24080	-.24200	.00000
.613	-.116	697.76000	.03670	-.19230	-.23080	-.23580	-.23600	-.23460	-.23710	-.23710	.00000
.585	3.952	697.76000	.07340	-.19820	-.23150	-.23850	-.23850	-.22310	-.22280	-.22570	.00000
	GRADIENT	.00000	.01074	-.00058	-.00182	-.00237	-.00211	.00163	.00151	.00205	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=OFF MPS=OFF) (1E6097) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 2.200 PT = 30.700

RUN NO. 262/ 0 RN/L = 3.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.710	-.082	697.75000	.02050	-.19480	-.23130	-.23460	-.23590	-.23280	-.23540	-.23380	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=NOM MPS=NOM) (1E6098) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 2.200 PT = 30.700

RUN NO. 263/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.417	-.085	699.78000	.04290	-.01920	-.01590	-.02440	-.02500	-.02590	-.02680	-.03710	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.628	-4.026	697.54000	-.00350	.01620	.00720	.01250	.01710	-.03030	-.03400	-.03760	.00000
.040	-.116	697.76000	.03890	-.00980	-.01780	-.02050	-.01530	-.01530	-.01860	-.02440	.00000
.624	3.952	697.98000	.07930	-.02330	-.03960	-.03770	-.03170	.00360	.00430	.00860	.00000
	GRADIENT	.09514	.01162	-.00494	-.00586	-.00628	-.00610	.00413	.00481	.00505	.00000

RUN NO. 265/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.637	-.082	698.43000	.02690	.01210	-.01580	-.00740	-.00890	.01050	-.01620	-.00640	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+DRAG RING(SRB=NOM++ MPS=NOM (1E6099) (22 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 2.200 PT = 30.700

RUN NO. 266/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
-3.417	-.092	688.88000	.05140	.11550	.14220	.10490	.10080	.11940	.12000	.09000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
.494	-4.030	687.76000	.08660	.11570	.13400	.11040	.11390	.11140	.12290	.09960	.00000
.547	-.116	688.21000	.04250	.12940	.14720	.12510	.12120	.12470	.13950	.10290	.00000
.528	3.952	688.21000	.07840	.11060	.11840	.11200	.10340	.10520	.12590	.10250	.00000
	GRADIENT	.05601	.00875	-.00067	-.00199	.00018	-.00134	-.00080	.00034	.00036	.00000

RUN NO. 268/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	Q(PSF)	CP231	CP301	CP302	CP303	CP304	CP311	CP312	CP313	CP314
4.667	-.092	688.43000	.04070	.14490	.15040	.15020	.15100	.14430	.13850	.11850	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (1E6001) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 1.550 PT = 30.700

RUN NO. 1/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-3.671	-.150	523.85835	409.41884	1363.59555	1526.59383	1474.72234	326.99672	332.62690	516.48452	516.76141	716.77117
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
.032	-4.091	393.95271	582.85449	1883.66367	1831.68300	1535.86409	322.30487	328.12154	495.97384	474.27676	820.59008
.038	-.171	527.81628	475.51468	1825.85768	1628.23973	1596.48036	338.31850	347.83446	447.33633	453.31946	725.42421
.089	3.900	442.69524	444.17783	1383.24722	1208.19202	1015.41116	349.26465	354.80432	427.09715	462.55110	590.61003
	GRADIENT	5.20325	-17.29137	-62.16279	-78.18442	-65.61297	3.36926	3.38852	-8.59553	-1.45907	-28.80823

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

AR097-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (JE60011) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 37 0 RN/L = 4.07 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
4.148	-.144	391.56161	448.12143	1785.13261	1755.00435	1363.42929	352.87947	393.13272	421.88714	423.81550	672.69716
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS+RAKES(SRB=NOM- MPS=NOM) (JE60022) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 13/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-3.985	-.144	420.45143	411.48979	1388.81571	1518.29802	1474.69087	393.56652	397.72398	533.90369	523.09450	723.86884
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 14 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-.019	-4.031	400.82405	469.63732	1891.20981	1837.94421	1521.78184	333.70933	406.93787	509.18080	480.67434	828.21040
-.008	-.181	403.91612	470.37071	1834.68947	1814.60074	1590.36781	396.60444	411.88891	458.61303	469.24755	737.24049
-.019	3.837	481.78073	481.61385	1392.68700	1217.08444	1018.98418	401.47035	407.58688	439.33180	488.33815	597.26991
	GRADIENT	7.66509	1.15936	-62.74113	-77.66377	-63.43813	.97323	.07045	-8.88851	-1.82249	-28.95024

RUN NO. 15 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
4.152	-.140	413.66454	448.73779	1801.80645	1752.35479	1270.74376	412.74156	436.55445	432.67783	425.01720	675.14478
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=NOM MPS=NOM) (JE6003) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 4/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-3.965	-.144	437.34556	430.05164	1394.41759	1513.52071	1487.76120	422.39842	423.58858	540.75291	523.21059	724.67028
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 5/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
.008	-4.028	421.14069	451.41443	1889.97104	1833.57697	1518.84079	424.46341	434.61619	509.45459	478.65104	821.99089
.002	-.181	429.73025	446.82758	1831.34161	1619.42715	1588.28229	430.46959	442.20668	492.44622	469.19273	731.75227
-.022	3.900	448.76936	466.05052	1332.63339	1214.35905	1030.63006	421.22779	429.20916	441.00766	488.26065	597.28407
	GRADIENT	3.46752	1.85350	-62.59408	-77.67820	-61.67503	-.41879	-.68758	-8.41351	-1.27827	-23.16592

RUN NO. 6/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
4.145	-.140	428.15914	459.21159	1814.33672	1760.45703	1327.20143	441.09765	457.64049	440.28590	425.01693	676.75356
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=NOM+ MPS=NOM) (JE6004) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 7/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-3.985	-.144	438.80888	460.75089	1421.56235	1501.16908	1478.23297	460.55539	462.04456	550.78483	524.44836	728.10990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 8/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-.048	-4.031	455.28171	472.65065	1892.37713	1837.57304	1514.60249	466.35200	471.09006	515.81211	478.11781	827.42056
-.015	-.178	463.04230	487.75408	1930.66185	1874.95796	1585.03215	464.61289	474.03647	489.41707	489.97140	732.26092
-.039	3.937	466.65304	472.74303	1398.12362	1249.98422	1023.28312	453.24917	458.14573	469.24917	488.95513	597.35922
	GRADIENT	1.40735	.01987	-62.19817	-78.06897	-62.02333	-1.52393	-1.63482	-7.92383	-1.26032	-28.80481

AR097-044-11A82B OTS+RAKES:CRB=NOM+ MPS=NOM) (EB0D4) (23 JAN 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
GREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 9/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
4.123	-.140	+89.47178	489.85755	1816.67258	1754.88507	1333.91737	478.49753	+93.27+81	450.82838	425.12054	877.90808
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097 044 11A82B OTS+RAKES:CRB=NOM+ MPS NOM) (EB0D4) (23 JAN 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
GREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 10/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-3.999	-.144	486.49258	497.97367	1306.09303	1513.67962	1476.44526	501.19834	512.95182	686.08+81	697.43873	723.39167
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 11/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-1.048	+4.088	491.87871	511.34126	1541.68446	1835.57158	1505.71343	514.20167	513.17042	697.04850	479.41853	825.80897
-1.023	-.151	504.54+48	519.79156	1838.09378	1696.46742	1647.39220	523.38781	530.77816	480.04.02	472.41784	757.884.2
-1.048	3.897	531.87304	513.+8544	1407.8+9.2	1213.47+04	1031.2+6+2	507.72816	507.79616	-72.16333	470.88370	599.87+89
	GRADIENT	5.03811	.25986	-61.11+31	-78.04921	-69.34209	-1.83382	-1.38747	-5.78173	-1.16638	-28.14949

RUN NO. 12/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.0

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-1.098	-.140	503.66465	530.31.35	1827.[illegible]	[illegible]	1352.61878	522.49326		9.07314	427.22.85	876.04839
	GRADIENT	.00000	.01.10	.01000	.01200	.00000	.00000		.00000	.00000	.0000

ARC97-044-11A82B OTS+RAKES(SRB=VARY MPS=NOM) (JE6006) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 1.550
PT = 30.000

RUN NO. 70/ 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SRBIBR	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
.039	117.220	410.10162	430.17179	1821.08360	1606.67041	1551.24728	409.36510	422.34627	454.10869	465.43269	713.82405
.039	139.540	418.42627	436.30437	1825.90058	1622.15486	1572.85194	418.79489	431.69659	468.83585	466.39146	715.46614
.038	155.010	440.62843	453.62890	1840.43879	1633.21965	1576.91615	439.43707	450.66067	463.93217	470.41792	720.33832
.039	86.370	459.23141	469.90700	1847.39384	1623.04153	1572.40167	451.90143	463.53743	468.47109	473.21988	727.15284
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM-) (JE6007) 23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.000

RUN NO. 66/ 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-3.881	-.150	468.55153	426.27172	1373.09046	1514.72244	1475.40314	415.90203	417.76025	534.97802	520.45300	725.93103
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 67/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
.115	4.101	415.12824	432.18150	1819.06921	1643.80032	1529.01370	411.86214	424.30751	517.10150	470.[illegible]	[illegible]
.015	-.184	452.91633	438.39131	1835.12530	1631.10757	1575.87552	415.81741	430.61637	459.23633	468.[illegible]	[illegible]
.072	3.903	443.80711	463.31006	1390.20474	1222.03005	1087.65762	411.04214	417.97405	439.03704	458.[illegible]	[illegible]
	GRADIENT	4.28878	1.67250	-63.02933	-77.72168	-63.03311	-.08521	-.85146	-8.34405	-1.03489	-28.17489

RUN NO. 68/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
4.102	-.147	422.84116	454.96619	1814.83734	1771.45059	1383.30156	427.10245	448.96479	436.67352	424.32334	681.09348
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (JE6008) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 16/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-3.935	-.144	430.20003	433.34428	1411.85397	1502.02002	1473.53680	429.92259	430.66241	544.22540	523.51033	726.68449
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 17/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-.042	-4.091	426.72608	453.65052	1989.13012	1833.06721	1517.62709	434.37926	443.50775	511.27990	478.17758	825.06031
-.022	- .191	429.45300	453.29684	1831.34826	1625.61916	1590.14961	442.66877	452.83475	465.12634	470.11691	728.42522
-.045	3.897	455.83931	467.65362	1393.[illegible]	1818.69763	1009.27249	431.30476	438.24581	446.75359	468.85583	599.78741
	GRADIENT	3.67347	1.76558	-62.46693	-.12391	-61.66171	-.47135	-.67982	-8.05233	-1.16085	-28.35092

RUN NO. 18/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
4.039	-.140	437.56616	469.01932	1813.60471	1750.15497	1566.61394	454.67140	471.60108	442.68373	426.12665	676.00139
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=+ABV)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 1.550
PT = 30.700

RUN NO. 69/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MPSORB	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
.052	203.380	+45.90509	440.08884	1381.09462	1637.55348	1571.93103	418.54639	434.25940	458.23016	467.39489	721.14970
.062	201.870	+32.37483	441.61782	1382.33110	1626.34038	1569.59068	425.33339	439.50207	460.24051	468.57344	719.45610
.072	213.160	+29.41344	447.44548	1409.87741	1625.80549	1556.23535	434.49588	446.09140	462.01403	463.33611	717.04218
.082	218.790	+29.78038	450.34114	1429.13437	1621.49300	1558.11867	437.31648	443.60048	460.91355	459.44398	724.32235
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (JE6010) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 19/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-3.590	-.095	371.43746	360.48965	1098.49586	1340.12399	986.92145	149.45326	136.02085	240.99554	266.69571	461.03863
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 20/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
.374	-4.043	384.73218	592.48961	1259.18939	1327.87178	839.48101	160.50442	98.50381	257.77855	266.63578	430.09860
.387	-.138	394.75484	499.72078	1085.38568	1180.48436	964.18149	159.72747	127.17326	235.55779	247.60051	426.14362
.374	3.945	374.34051	295.53832	986.71304	1169.45169	630.17068	169.59473	170.60477	214.81322	234.62545	329.25795
	GRADIENT	-8.88261	-37.28952	-34.03740	-19.70580	-26.61396	1.14745	9.09810	-5.37656	-4.00119	-20.10043

RUN NO. 21/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-.540	-.095	396.98108	549.07911	1270.56386	1204.56958	1072.29015	163.51020	130.47920	210.06448	215.97120	394.18316
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM- MPS=NOM) (JE6011) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 55/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-3.687	-.095	201.43469	202.90319	1121.52106	1365.24078	998.96087	214.10870	211.77422	248.11429	266.01197	459.89599
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 56/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
.331	-4.045	231.89186	380.06856	1296.30451	1345.79732	831.09707	214.22080	211.10314	270.41776	268.65830	490.21701
.350	.138	216.62164	241.43854	1080.07027	1213.01541	943.02406	221.38398	220.66432	247.01818	247.87432	433.78832
.319	3.950	201.45078	262.72842	1009.49547	1208.19058	644.05564	225.75906	214.20376	221.43531	234.34490	330.81314
	GRADIENT	-8.08421	-14.53012	-35.45385	-17.08967	-26.23084	.18100	.57344	-6.18573	-4.50839	-20.04206

ARC97-044-11A82B OTS+RAKES(SRB=NOM- MPS=NOM) (JE6011) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 57/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
4.463	-.095	241.49928	289.40251	1306.72423	1191.94308	.053.21033	221.51367	222.36909	222.99121	219.95837	394.15197
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (JE6012) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 46/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-3.604	-.095	222.27369	226.63278	1136.96328	1351.39896	990.48651	237.68620	237.84189	254.88906	267.88951	460.15578
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 47/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
.327	-4.049	243.05018	313.25843	1297.49429	1343.39371	841.99493	248.17600	241.18624	273.88279	267.98032	491.88563
.653	-.132	235.12783	247.59921	1089.75906	1209.44485	947.00361	250.31038	247.44429	251.85962	247.83160	422.81825
.323	3.952	358.84666	269.98353	1008.88429	1204.07443	649.22117	239.32186	239.05515	225.40132	233.80054	329.31808
	GRADIENT	14.59609	-5.34422	-35.95663	-17.23942	-24.44217	-1.11796	-.21615	-6.06271	-4.26626	-20.84247

RUN NO. 48/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
4.493	-.092	248.73682	274.64955	1322.90887	1196.33105	1069.15083	256.51842	256.51642	289.67190	279.40018	392.85205
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (JE6013) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 49/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-3.624	-.095	255.52616	257.78575	1141.36452	1365.53172	1002.20476	266.90204	267.91496	264.09703	268.69413	462.86329
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 50/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
.327	-4.049	267.58276	298.94892	1311.36147	1346.06610	833.57107	283.65403	277.90875	279.38389	269.60138	490.45433
.329	-.132	259.13309	265.42590	1084.57870	1222.70975	958.41177	271.79639	272.34022	259.75460	249.73272	425.07679
.320	3.949	330.20004	280.08269	1025.99719	1207.52644	650.46782	266.44267	265.11764	234.71986	236.20078	332.63833
	GRADIENT	7.89656	-2.31754	-35.53338	-17.22822	-23.26200	-2.14626	-1.60060	-5.58865	-4.17043	-19.77003

RUN NO. 51/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
4.459	-.095	278.47600	288.57609	1335.87231	1198.08054	1062.39662	284.28290	285.68814	238.30026	222.45226	397.56102
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (JE6014) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 52/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-3.627	-.095	302.51010	303.21136	1147.59787	1364.75255	1002.82809	317.54808	316.22350	286.69295	269.47330	461.46078
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 53/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
.310	-4.046	322.19512	332.77810	1338.62770	1350.37791	833.75750	343.98360	350.28668	295.81549	270.75875	490.51113
.333	-.132	311.33224	315.76485	1105.39066	1222.42697	950.09395	332.71762	336.13928	291.50217	251.14214	423.39161
.330	3.949	357.79768	328.72292	1042.76482	1206.48526	648.62302	316.90644	314.49660	260.54494	236.75650	329.34484
	GRADIENT	4.50280	-.48107	-36.85517	-17.69018	-23.51903	-3.39053	-4.48084	-4.43454	-4.24813	-20.18068

ARC97-044-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (JE6014) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 54/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
4.509	-.095	309.86400	330.76234	1378.69935	1192.48872	1051.32780	340.93960	353.05908	262.70678	221.76468	394.15656
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=VARY MPS=NOM) (JE6015) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.000
PT = 30.700

RUN NO. 65/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SRBOPR	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
.366	222.360	225.37712	243.05860	1075.49039	1219.04535	948.76012	234.87994	233.47789	250.61413	250.30256	424.00171
.366	253.320	230.20642	245.78482	1072.76418	1214.76129	941.28249	241.03341	239.00822	251.15937	248.27737	423.53436
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES SRB=NOM MPS=NOM-1 (JE6016) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 61/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-3.641	-.095	217.83675	219.70493	1126.47475	1362.33296	999.99312	230.44699	229.04585	252.16463	266.95442	459.76657
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM-) (JE6016) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 62/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
.306	-4.046	238.28800	314.95292	1300.63828	1349.98181	839.94499	234.95784	232.07583	273.12492	268.68507	491.53408
.319	-.135	242.74853	246.17932	1088.81660	1217.11470	950.69806	227.46690	234.95183	246.95930	249.14200	424.33609
.310	3.959	355.09566	270.83622	1014.03568	1210.6+104	652.34424	232.68542	230.81299	224.96164	234.86992	332.70449
	GRADIENT	14.96135	-5.42970	-29.63488	-17.30439	-23.82055	-.27243	-.16432	-6.01757	-4.22274	-19.87937

RUN NO. 63/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
4.409	-.099	258.62013	276.94442	1314.63756	1193.66421	1070.82806	243.29668	243.60896	227.13639	221.12508	395.61929
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (JE6017) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 58/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-3.661	-.098	236.89252	239.63315	1131.50285	1362.08382	1001.68454	250.50961	252.37414	259.67691	267.75657	460.50297
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 59/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
.306	-4.046	255.[illegible]867	302.17403	1314.46306	1352.08488	833.94731	268.13983	262.14214	280.05730	270.63237	493.+0348
.313	-.132	261.[illegible]801	267.[illegible]036	1077.63[illegible]4	1221.00370	946.90197	268.19082	265.15609	254.49520	247.72521	423.27410
.314	3.949	343.[illegible]830	272.[illegible]809	1045.24133	1205.84912	649.61197	254.53433	252.99205	228.61125	233.88900	331.12934
	GRADIENT	10.84076	-3.[illegible]982	-36.01650	-18.19039	-23.42508	-1.71360	-1.15630	-6.43468	-4.58762	-20.31371

RUN NO. 60/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
4.403	.095	252.36249	291.26997	136	-9747	1192.56522	1053.67693	277.34894	272.21645	234.03384	221.51367	395.47337
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.01000	.00000

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ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (JE6018) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMPP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.3000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.000
PT = 30.700

RUN NO. 0 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MPSCPR	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
.386	399.100	235.28405	246.89945	1070.35385	1209.42891	933.05984	245.58304	243.64714	251.15843	248.68048	420.66583
.373	+21.630	236.44075	248.81747	1068.71672	1212.22200	931.95008	248.20667	246.73360	252.03168	249.59588	423.64835
.386	618.170	243.05146	252.50952	1071.06081	1217.59826	936.42678	249.10313	253.38410	252.06339	247.40205	421.81385
.389	736.140	248.73099	254.64478	1073.25679	1218.34406	933.03590	255.32267	250.97823	254.45671	249.02373	421.24920
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (JE6019) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMPP = 976.0000 IN. XT
LREF = 1890.3000 IN. YMRP = .0000 IN. YT
BREF = 1890.3000 IN. ZMRP = 400.3000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 22 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-2.[illegible]	+.000	250.83936	301.64[illegible]	877.79255	1160.80612	813.35550	103.58418	83.75740	172.77140	196.79760	357.20179
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 23 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
.191	+.033	257.[illegible]33	+33.[illegible]31	1047.[illegible]12	1102.[illegible]34	808.66401	104.[illegible]21	85.43600	182.60065	192.01050	360.33272
.600	+.1P6	275.91383	297.68816	869.91421	1082.97199	836.55173	108.22432	83.11769	159.87442	174.81834	321.64065
.[illegible]48	3.982	885.12274	859.68139	877.21054	1009.90837	506.78164	112.26007	108.95544	143.32855	164.88050	245.83389
	GRADIENT	-11.[illegible]42	-21.73810	+6.80455	-17.66538	-13.26409	.97819	5.49273	-4.93532	-3.38839	-14.36466

RUN NO. 24 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
+.[illegible]	+.033	234.66466	411.[illegible]007	1053.[illegible]989	1041.19699	1012.10524	114.53022	75.56508	151.49831	157.28172	294.55466
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM- MPS=NOM) (JE6020) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1293.3000 IN. YMRP = .0000 IN. YT
BREF = 1293.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 34/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-3.410	-.092	159.98995	159.71673	888.54173	1171.87502	812.51716	170.78230	167.43531	180.95990	197.21672	355.75495
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 35/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
.528	-4.045	185.39429	259.51886	1078.31453	1189.29587	614.11110	169.70619	162.51295	194.71124	192.24499	362.00534
.547	-.132	165.74920	185.84812	904.60748	1040.42953	844.65371	173.91224	167.18974	173.29487	175.35278	320.02385
.521	3.958	308.19849	204.68388	690.70560	1034.94824	510.73869	164.98199	161.40330	151.76836	154.56906	243.64439
	GRADIENT	15.40335	-6.77319	-48.45894	-19.15053	-13.43100	-.60221	-.14821	-5.36475	-3.45182	-14.81778

RUN NO. 36/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-.837	-.088	176.66669	217.78959	1076.45685	1185.62221	1007.31828	170.66525	168.32380	180.95514	155.37700	294.55518
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (JE6021) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1293.3000 IN. YMRP = .0000 IN. YT
BREF = 1293.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 25/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-3.413	-.089	178.78285	180.51025	904.37756	1163.59439	817.03213	189.10725	188.83215	187.73173	198.04813	358.32498
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 26/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
.548	-4.036	192.94239	222.89310	1090.44858	1170.92604	619.63131	201.82314	194.52578	201.41008	194.93884	365.25642
.511	-.129	182.00195	191.36161	890.92706	1029.67020	852.73141	194.94030	188.19594	177.32212	175.60160	321.63978
.508	3.949	310.25655	221.28991	698.07685	1018.77569	515.66477	189.87984	185.41233	159.43201	166.51130	244.03287
	GRADIENT	14.81308	-.14564	-49.12771	-18.93674	-13.52562	-1.49395	-1.13806	-5.25108	-3.55065	-15.20320

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (JE6021) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 27/ 0 PN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
4.643	-.088	207.87661	219.58757	1037.35844	1037.83922	1011.31734	186.93466	190.93016	168.19712	158.27725	297.36212
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

APC97-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (JE6022) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 29/ 0 PN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-3.440	-.082	212.83151	216.95405	917.03004	1165.27567	819.46326	223.27528	225.95493	234.61772	200.73873	360.48715
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 29/ 0 PN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
.838	-.036	229.01612	237.20844	1104.88937	1169.34265	618.94287	244.36811	245.35150	211.32347	198.24331	356.35791
.047	-.188	231.43173	212.06802	919.99891	1040.54355	856.62296	214.98298	217.13401	188.91788	179.30933	326.02938
.831	.314?	278.76676	231.08540	703.88367	1027.57027	515.61687	219.56815	213.80963	174.19936	166.42231	248.51685
	GRADIENT	2.83147	-.72750	-49.46891	-17.64498	-13.45796	-3.37532	-4.20313	-4.64246	-3.37379	-15.15772

RUN NO. 30/ 0 PN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
4.547	-.088	210.[illegible]	230.17811	[illegible]	1096.[illegible]	1007.[illegible]	217.[illegible]	219.[illegible]	174.[illegible]	[illegible]	232.[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (JE6023) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 31/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
-3.413	-.092	249.9838+	248.12324	913.84746	1169.87677	821.32493	261.62979	259.49355	243.64402	202.50416	360.24144
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 32/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
.548	-4.036	261.62096	265.81672	1144.81610	1185.64441	818.57700	273.[illegible]	274.10962	225.[illegible]	[illegible]	363.84[illegible]
.567	-.126	235.53105	244.18305	915.86324	1031.95712	834.63878	257.1[illegible]	260.22163	227.[illegible]	[illegible]	321.08839
.548	3.949	276.02903	282.08557	687.32678	1021.96985	813.98079	246.28756	242.[illegible]	205.[illegible]	[illegible]	244.[illegible]
	GRADIENT	1.85185	-.43803	-57.28807	-20.37685	-13.58002	-3.46177	-3.96031	-2.61694	-3.09815	-14.[illegible]

RUN NO. 33/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
+ 550	-.092	276.78128	283.66541	1181.83431	1209.99345	1003.65486	287.37308	286.90363	199.28602	158.43301	295.[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES SRB=VARY MPS=NOM (JE6024) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.200
PT = 30.700

RUN NO. 45/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SRBIPR	IP1	IP2	IP3	IP4	IP5	CP142	CP141	IS3	IS4	IS5
.547	294.710	171.38313	182.62926	882.76979	1034.79936	825.30478	181.87495	174.61183	171.70800	171.97.72	319.57154
.550	349.710	176.21302	186.10064	891.48693	1041.34208	821.86560	189.12186	182.39278	174.63375	173.90378	321.78070
.547	404.270	183.16086	195.06765	907.14632	1041.62177	818.88070	203.28653	200.86319	178.93681	174.20933	322.88897
.547	567.630	203.32134	209.49824	910.78246	1047.56298	824.09341	219.11969	220.99055	187.86345	177.19954	324.09566
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	0.000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM-) (JE6025) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 40 C RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP142	CP141	CS3	CS4	CS5
-3.420	-.092	166.60215	169.08133	867.83577	1184.37276	824.89225	179.99804	176.38113	183.68092	197.93619	363.18448
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 41 C RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP142	CP141	CS3	CS4	CS5
.821	-4.042	183.42090	230.57876	1096.01024	1212.89912	820.84932	180.39181	173.23214	195.60612	191.75091	363.37650
.820	-.126	173.93195	189.71690	904.68708	1050.01509	839.90503	181.82154	176.79432	174.53061	175.27327	321.27519
.834	3.950	304.50536	210.47324	687.19169	937.61143	514.75153	177.68255	171.46263	154.19175	164.73161	243.13504
	GRADIENT	16.25471	-2.44088	-81.13017	-81.77602	-13.73373	-.34344	-.22637	-5.17631	-3.37164	-15.05124

RUN NO. 42 C RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP142	CP141	CS3	CS4	CS5
+.843	-.088	205.71831	218.66485	1078.87011	1237.96365	1009.17766	178.37824	177.98604	162.67679	158.47835	394.65518
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM-) (JE6025) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 37 C RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP142	CP141	CS3	CS4	CS5
-3.433	-.092	185.98809	193.82330	900.98083	1185.05035	828.27328	197.32719	199.32364	191.61322	198.42869	359.86551
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 38 C RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP142	CP141	CS3	CS4	CS5
.819	-4.042	197.60314	215.42778	1108.24660	1215.80983	822.09106	210.28620	207.37572	201.52594	192.64903	364.90699
.833	-.125	187.67661	193.35195	926.29877	1041.00150	838.47073	203.39003	199.95233	180.28369	175.26965	321.23439
.814	3.955	313.24792	208.51995	693.21400	939.36371	517.07086	195.48452	191.63558	161.33334	164.07445	243.33987
	GRADIENT	16.50743	1.41879	-81.19121	-81.92283	-13.68658	-1.84898	-1.96969	-5.01556	-3.56717	-15.15277

ARC97-044-1IA82B OTS+RAKES(SRB=NOM MPS=NOM+) (JE6026) (23 JAN 76)

REFERENCE DATA

SREF = 2690.3000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 39 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP142	CP141	CS3	CS4	CS5
4.637	-.092	220.65421	211.50700	1081.88026	1030.56038	1007.03999	192.52482	196.78694	166.87139	155.72966	254.59841
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=NOM MPS=VARY) (JE6027) (23 JAN 76)

REFERENCE DATA

SREF = 2690.3000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.200
PT = 30.700

RUN NO. 43/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MPSCPR	CP1	CP2	CP3	CP4	CP5	CP142	CP141	CS3	CS4	CS5
.000	51.860	175.5+702	184.36469	836.18438	1038.23143	824.81841	185.60467	180.43807	174.30704	174.16927	321.6566+7
.690	989.620	178.27839	186.89502	604.84491	1040.07874	829.01270	190.61740	184.80896	175.48214	174.28029	322.62409
.683	002.730	184.92051	190.6+639	902.36650	1041.37807	819.93389	199.86443	194.83722	176.73546	173.65762	321.90386
ERR	1086.000	186.69269	192.41222	899.56063	1041.24552	834.69465	202.89654	199.30322	179.73278	176.29738	322.51430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=OFF MPS=OFF) (JE6031) (23 JAN 76)

REFERENCE DATA

SREF = 2690.3000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 890 3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 1/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CP6	CP7	CP1	CP2	CP3	CS6	CS7	CP235	CS2	CS3
-3.671	-.150	158+.64985	154.82237	1290.58783	1028.09232	1185.18352	478.82693	461.75.80	516.39222	589.85372	586.28101
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

APOLLO SOLID DATA - IA82B

AP09T-0++-11A82B OTS+RAKES(SRB=OFF MPS=OFF) FEED10 (23 JAN 78)

REFERENCE DATA

SREF = 2690.0100 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1291.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.8000 IN. ZMRP = +00.0000 IN. ZT
DIA B = 0.000

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

PLN NO. 2P 0 PNL = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP2E6	2S2	2S3
000	+ 00	.651 87194	.6888.0667	1 98.17540	1770.10023	1222.31819	434.76027	+14 17123	522.68732	7.70.19172	578.+32673
000	- 00	.6880 87719	1760.8028.7	1+07.14325	1311 03368	1109.19768	423.86978	+23 2:202	522.30972	880.93739	768.86136
000	1.000	.6826 .8981	1824.+4+837	1+05.76203	604.83854	1395.03247	42+.97360	467.47174	523.74+46	+53 37227	818.76936
	DERIV	84.30830	31.07606	13.49767	-145.3394+2	80.67885	+1.2.504	+.07+++	.8012	-33 08870	42 +0896

PLN NO. 2 0 PNL = 4.07 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP2E6	2S2	2S3
0 000	+.000	.7788 .7753	1725.82303	1837.86707	1+PM.34335	1129.79758	376.68086	395.09010	533.61896	719 87697	801.87328
	DERIVT	.00000	.00000	.0000	.00000	.00000	.00000	.00000	.00000	.0000	.00000

AP09T-0++-11A82B OTS+RAKES(SRB=ON MPS=ON)

ADDENDUM DATA

PARAMETRIC DATA

SREF = 2690.7100 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1291.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.8000 IN. ZMRP = +00.0000 IN. ZT
DIA B = 0.000

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

PLN NO. 1B 0 PNL = + 01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP2E6	2S2	2S3
0 000	+.00	1548 .80.13	6 1 84+32+	.1178 .+71%	9AP +.+3+8	1183.9+888	+81 +2761	+70.84+83	5[illegible]	885.84+882	8AE .1184+
	DERIV	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

PLN NO. 1+ 0 PNL = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP2E6	2S2	2S3
0 00	+.00	.1+++ .1+++	1[illegible]	[illegible]	[illegible]	[illegible]	+80.87182	+24 03871	R86 [illegible]	718 7[illegible]	875 81[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+25.F8315	+3+ [illegible]	R85 81 [illegible]	814 [illegible]	7[illegible] 80[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+26 +3+4	+P8 [illegible]	A86 [illegible]	[illegible]	[illegible]
[illegible]	DERIV	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-1.+4+3	+ 8+8+	04+80	+01 [illegible]	+2 881+8

PLN NO. [illegible] 0 PNL = 3.99 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP2E6	2S2	2S3
0 000	+.000	.1+++ .1+++	1[illegible]	[illegible]	[illegible]	[illegible]	878.85011	+03 [illegible]	833 [illegible]	7[illegible] [illegible]	80 [illegible]
[illegible]	DERIV	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM) (KE6003) (23 JAN 76)

REFERENCE DATA

SREF = 3630.0000 SQ.FT. XMRP = 976.0000 IN. XT
BREF = 990.0000 IN. YMRP = .0000 IN. YT
LREF = 960.0000 IN. ZMRP = 400.0000 IN. ZT
DELTAZ = .0000

PARAMETRIC DATA

ELV-IB = .000 ELV-CB = .000
MACH = 1.550 PT = 30.000

RUN NO. 47 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP256	2S2	2S3
-4.000	-4.000	1673.34926	1561.31660	1672.45230	1009.76354	1182.70949	481.38001	473.07649	.51700	5.34045	887.85443
	DELTA	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 57 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP256	2S2	2S3
-4.000	-4.000	1660.12366	1574.49649	1686.17705	1787.40169	1204.41017	428.40811	425.87768	.66400	5.30785	870.34603
	-5.000	1677.83147	1772.00326	1279.05167	1312.62097	1113.00170	434.34728	434.93828	.52600	5.38487	906.70780
	DELTA	831.61988	1810.38283	1955.10481	648.80198	398.68841	406.62123	459.09470	.62500	5.34560	888.52316
	DELTA	29.78185	29.37851	23.30085	-16.78489	20.81784	-1.13651	4.16237	.00000	39.04588	43.44483

RUN NO. 67 0 RN/L = 4.02 GRADIENT INTERVAL = 5.00 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP256	2S2	2S3
-4.000	-4.000	1658.45555	1739.94023	1294.78271	1468.31616	1131.09044	378.71682	376.13850	.63400	5.37177	894.46615
	DELTA	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 77 0 RN/L = 4.01 GRADIENT INTERVAL = 5.00 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP256	2S2	2S3
-4.000	-4.000	1647.89370	1625.60169	1265.14736	1011.45847	1142.86160	480.60347	481.90365	.51900	5.37000	892.91139
	DELTA	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 87 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP256	2S2	2S3
-4.000	-4.000	1645.97438	1676.60246	1276.61497	1283.48011	1141.47089	427.26084	441.43261	.52700	5.39457	896.17557
	-5.000	1673.54142	1776.61497	1283.48011	1414.47089	1113.21303	434.26084	441.43261	.52700	5.39457	896.17557
	DELTA	833.97164	1815.41782	1410.85412	1198.91492	1144.34201	430.78673	404.24334	.52700	5.39457	896.17557
	DELTA	29.78185	29.37851	23.30085	-16.78489	20.81784	-1.13651	4.16237	.00000	39.04588	43.44483

APC97-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (KE6004) (23 JAN 76)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF =	1290.3000 IN.	YMRP =	.0000 IN. YT		
BREF =	1290.3000 IN.	ZMRP =	400.0000 IN. ZT		
SCALE =	.0100				

PARAMETRIC DATA

ELV-IB =	.000	ELV-OB =	.000
MACH =	1.550	PT =	30.700

RUN NO. 3 3 PN L = 4.00 GRADIENT INTERVAL = 5.00 5.00

ALPHA	BETA	IR6	IR7	2R1	2R2	2R3	1S6	1S7	CP225	2S2	2S3
4.139	-.140	1733.82745	1747.31171	1284.98814	1433.47923	1123.34426	381.24455	+13.75457	534.46648	723.61565	797.96384
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

APC97-044-11A82B OTS+RAKES SRB NOM+ MPS=NOM) (KE6005) (23 JAN 76)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF =	1290.3000 IN.	YMRP =	.0000 IN. YT		
BREF =	1290.3000 IN.	ZMRP =	400.0000 IN. ZT		
SCALE =	.0100				

PARAMETRIC DATA

ELV-IB =	.000	ELV-OB =	.000
MACH =	1.550	PT =	30.700

RUN NO. 10 3 PN L = 4.01 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	IR6	IR7	2R1	2R2	2R3	1S6	1S7	CP225	2S2	2S3
-3.039	-.144	1553.12830	1592.03304	1276.61191	1004.82731	1172.71.83	484.43.5	+30.37501	519.84870	613.47215	685.32782
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO 11 3 PN L = 4.00 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	IR6	IR7	2R1	2R2	2R3	1S6	1S7	CP225	2S2	2S3
-1.049	-.088	1121.00173	1154.27164	1004.[illegible]	1713.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	710.[illegible]	551.16597
-1.038	-.181	1554.[illegible]	1731.[illegible]	1341.[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	741.34839
-1.048	3.897	1838.66835	1931.[illegible]	1873.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	880.16786	919.41307
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 12 3 PN L = 4.00 GRADIENT INTERVAL = [illegible]

ALPHA	BETA	IR6	IR7	2R1	2R2	2R3	1S6	1S7	CP225	2S2	2S3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	746.[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A828 OTS+RAKES(SRB=VARY MPS=NOM) (KE6006) (23 JAN 76)

REFERENCE DATA

SREF	= 2690.0000 SQ.FT.	XMRP	= 976.0000 IN. XT		
LREF	= 1681.3000 IN.	YMRP	= .0000 IN. YT		
BREF	= 1280.3000 IN.	ZMRP	= 400.0000 IN. ZT		
SCALE	= .0100				

PARAMETRIC DATA

BETA	= .000	ELV-IB	= .000
ELV-OB	= .000	MACH	= 1.550
DT	= 30.000		

RUN NO. 70 0 PHI = 4.08 GRADIENT INTERVAL = .01 .01 0

ALPHA	BETA	CPBODY	CPS2	CPS3
.009	177.1220	1398.3+542	1760.197136	1069.+0063
.009	129.5+0	1598.+0885	1767.+9800	1[illegible]
.1.32	165.210	1584.+5844	1783.[illegible]	[illegible]
.10 4	186.370	181.+2065	1780.[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000

ALPHA	BETA	CPS4	CPS5	CPS6	CPS7	CPBODY	CPS2	CPS3
.009	177.1220	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.009	129.5+0	[illegible]	[illegible]	[illegible]	[illegible]	523.[illegible]	+59.28351	751.+7864
.1.32	165.210	[illegible]	[illegible]	[illegible]	[illegible]	502.[illegible]	[illegible]	[illegible]
.10 4	186.370	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A828 OTS+RAKES(SRB=NOM MPS=NOM [illegible] (KE6007 23 JAN 76)

REFERENCE DATA

SREF	= 2690.0000 SQ.FT.	XMRP	= 976.0000 IN. XT		
LREF	= 1681.3000 IN.	YMRP	= .0000 IN. YT		
BREF	= 1280.3000 IN.	ZMRP	= 400.0000 IN. ZT		
SCALE	= .0100				

PARAMETRIC DATA

ELV-IB	= .000	ELV-OB	= .000
MACH	= 1.550	DT	= 30.000

RUN NO. 66 0 PHI = 4.17 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	CPB	CPS1	CPS2	CPS3	CPS4	CPS5	CPS6	CPS7	CPBODY	CPS2	CPS3
-3.337	-.150	1577.35577	1555.04+45	1683.17145	1019.11423	1188.23185	+81.13371	+71.[illegible]	513.[illegible]	[illegible]	[illegible]	333.[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.000

RUN NO. 67 0 PHI = 4.14 GRADIENT INTERVAL = [illegible]

ALPHA	BETA	CPB	CPS1	CPS2	CPS3	CPS4	CPS5	CPS6	CPS7	CPBODY	CPS2	CPS3
.015	+.101	1144.87128	1537.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.015	-.184	1569.12196	1771.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.1.8	3.903	1818.86582	1803.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	85.87490	33.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

RUN NO. 68 0 PHI = 4.14 GRADIENT INTERVAL = [illegible]

ALPHA	BETA	CPB	CPS1	CPS2	CPS3	CPS4	CPS5	CPS6	CPS7	CPBODY	CPS2	CPS3
+.102	-.147	1733.66206	1734.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-IIA82B OTS+RAKES(SRB=NOM MRC=NOM+) (KE6008) (23 JAN 76)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF =	1290.3000 IN.	YMRP =	.0000 IN. YT		
BREF =	1290.3000 IN.	ZMRP =	400.0000 IN. ZT		
SCALE =	.0100				

PARAMETRIC DATA

ELV-IB =	.000	ELV-OB =	.000
MACH =	1.550	PT =	30.700

RUN NO. 18 0 RNGL = 4.00 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
-3.995	-.144	15+5.85+61	1587.7+713	1+60.69479	1021.319+0	1198.0+616	491.3540	474.95937	516.01361	593.42369	694.40966
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	00000	.00000	.00000

RUN NO. 17 0 RNGL = 3.99 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
-.042	-4.091	1131.83299	1574.70322	1668.30325	1768.77674	1224.66286	438.62654	425.89622	523.78784	716.62468	561.34829
-.093	-.181	1576.63762	1773.58037	1[illegible].6+879	1317.6[illegible]5	1114.3[illegible]78	406.03353	436.38+35	525.84497	666.22791	746.07706
-.043	3.897	1832.72136	1814.41072	187[illegible].90230	691.57[illegible]13	1283.64[illegible]19	4[illegible]	461.67706	526.56210	497.35143	918.66882
	GRADIENT	87.56+05	29.80575	33.78352	-147.57825	20.33544	-.38[illegible]	+.7+452	.35354	-28.60962	44.71449

RUN NO. 18+ 0 RNGL = 3.99 GRADIENT INTERVAL = 5.00+ 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
+.002	-.140	1729.78889	1739.78833	1886.[illegible]	.+3+ 10560	1130.926[illegible]	3[illegible]	408 67567	533.60763	721.47472	799.23135
	GRADIENT	.00000	.00000	.00000	.00000	00000	.000 0	00000	.00000	.00000	.00000

AR097-044-IIA82B OTS+RAKES(SRB=NOM MRC=ABV (KE6009) (23 JAN 76)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF =	1290.3000 IN.	YMRP =	.0000 IN. YT		
BREF =	1290.3000 IN.	ZMRP =	400.0000 IN. ZT		
SCALE =	.0100				

PARAMETRIC DATA

BETA =	.000	ELV-IB =	.000
ELV-OB =	.000	MACH =	1.550
PT =	30.700		

RUN NO. 69+ 0 RNGL = 4.10 GRADIENT INTERVAL = -5.00+ 5.00

ALPHA	MRSCPR	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
.[illegible]9	8[illegible].880	1[illegible]98.70361	1772.21917	1[illegible]	131+.[illegible]2+61	1115.25415	+27.+1988	436.29277	523.91762	666.24865	754.60791
.[illegible]3	881.870	1[illegible]39.76244	1772.70+84	1[illegible] 43771	1317.13321	1116.79753	+27.74[illegible]9	436.07732	524.35837	666.13175	755.93144
.[illegible]1	883.160	18[illegible].33369	1773.49816	1[illegible] 67816	1291.85130	1114.06[illegible]	+27.16[illegible]3	+36.34314	524.67771	665.57761	754.55495
.[illegible]2	886.760	1576.86+81	1774.4[illegible]+2	1[illegible] 14[illegible]	1304.[illegible]7.3	1119.[illegible]7363	429.21[illegible]	427.91[illegible]+5	+36.38[illegible]+3	666.[illegible]+3	755.04255
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	00000	00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (KE6010) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 19/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
-3.590	-.146	1344.47205	1191.61228	866.02874	643.11382	757.09520	249.07051	247.59528	249.22580	342.59860	466.82900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 20/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
.370	-4.043	1189.34169	980.34205	1175.60187	1300.13466	672.74754	221.26101	212.09389	240.21949	473.30448	324.98473
.287	-.136	1156.63808	1189.61228	868.02874	830.03466	752.07340	246.15669	242.86111	242.86111	388.92771	478.51004
.370	3.945	1293.80888	1278.10457	1276.47098	1279.73838	1079.71304	255.33474	253.11696	243.17169	278.98939	548.80402
	GRADIENT	13.20396	37.17870	13.15041	-109.97781	51.16361	1.89142	5.16361	.36744	-24.34520	27.94228

RUN NO. 21/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
4.540	-.135	1165.33134	1234.18069	897.46471	934.48181	767.00065	206.48936	210.60852	256.15244	455.73740	439.18289
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES SRB=NOM- MPS=NOM) (KE6011) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 55/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
3.820	-.095	1318.82251	1210.69820	859.81425	650.50082	781.30952	255.47371	254.68428	249.74842	345.22865	472.76908
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 56/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
.320	-4.046	1187.88480	1003.47167	1184.06660	1314.30633	669.43127	225.61379	218.04005	241.57885	476.88876	325.91317
.366	-.132	1167.69299	1180.69841	853.15035	818.71813	781.42376	223.04962	224.31810	243.59762	393.48034	485.44676
.313	3.902	1296.30373	1249.78831	1278.57820	1431.09034	1078.01736	238.38868	255.73027	242.74362	283.49237	550.28632
	GRADIENT	13.68570	30.65729	12.48637	-110.32572	54.52270	1.48301	4.73439	.14306	-24.20233	27.36339

DATE 18 MAR 76 TABULATED SOURCE DATA - 1A82B

ARC97-044-11A82B OTS+RAKES(SRB=NOM- MPS=NOM)

(KE6011) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 2.000 PT = 30.700

RUN NO. 57 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00 5.00

		1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
ALPHA	BETA										
4.463	-.095	1158.11533	1247.31178	882.36063	954.75985	712.87234	211.87081	213.50388	256.89675	459.00798	496.95730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM)

(KE6012) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 2.000 PT = 30.700

RUN NO. 45 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00 5.00

		1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
ALPHA	BETA										
-3.604	-.095	1354.08180	1212.48804	853.78141	835.84292	773.69933	255.89953	254.42202	251.16270	345.72951	465.99385
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 47 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00 5.00

		1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
ALPHA	BETA										
.327	-4.049	1182.33624	1005.78831	1190.31798	1307.43527	657.95659	226.11943	219.28499	242.97252	474.64422	323.27708
.353	-.132	1159.48187	1194.08333	849.77479	819.41669	761.66243	227.70994	226.60701	244.04696	392.06584	479.98521
.323	3.952	1300.13197	1266.90854	1284.42567	430.94481	1007.31749	238.45894	256.81968	245.65412	289.86910	551.62609
	GRADIENT	14.85377	32.53287	12.43846	-113.45144	52.60605	1.55093	4.71069	.36078	-23.10516	28.46368

RUN NO. 48 0 RN/L = 3.55 GRADIENT INTERVAL = 5.00 5.00

		1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
ALPHA	BETA										
4.493	-.092	1145.17712	1251.24034	883.01343	951.63749	710.57478	211.38514	214.80904	257.99082	460.75542	496.86985
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=NOM+ MPS=NOM) (KE6013) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 49 0 PH L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IB6	IB7	2P1	2P2	2P3	IS6	IS7	CP225	2S2	2S3
-3.624	-.035	1355.79210	1225.61+04	-66.84997	634.36860	779.05048	257.55200	258.56492	254.43532	353.23407	470.49915
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 50 0 PH L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IB6	IB7	2P1	2P2	2P3	IS6	IS7	CP225	2S2	2S3
.327	-4.049	1191.78197	1011.83021	118+.65+62	131+.07683	656.33987	229.06451	224.57076	243.82523	475.57764	329.56979
.329	-.132	1178.28185	1032.0++46	66[illegible]	818.1054+	768.97642	230.63182	232.64114	246.54747	397.80795	483.03278
.330	3.849	1303.78603	1251.30711	1284.45419	439.34863	1087.41628	241.42196	261.76609	247.26869	301.90673	555.06559
	GRADIENT	15.37228	31.07847	13.12836	-110.08074	54.30618	1.67716	4.66827	.42880	-21.72837	28.74344

RUN NO. 51 0 PH L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IB6	IB7	2P1	2P2	2P3	IS6	IS7	CP225	2S2	2S3
4.456	-.035	1152.85+03	1069.6+264	884.[illegible]	[illegible]	719.89419	216.75322	228.22936	261.87710	463.45126	497.25513
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B (OTS+RAKES(SRB=NOM+ MPS=NOM)

(KE6014) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 52 0 PH L = 3.55 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	IB6	IB7	2P1	2P2	2P3	IS6	IS7	CP225	2S2	2S3
-3.627	-.140	1356.[illegible]	1230.6[illegible]7	662.[illegible]873	624.22339	764.71375	253.73367	270.95372	257.08450	371.31081	466.21372
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 53 0 PH L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IB6	IB7	2P1	2P2	2P3	IS6	IS7	CP225	2S2	2S3
.310	-4.046	1196.[illegible]226	[illegible]	[illegible]	314.81601	670.52211	236.51371	263.91094	251.46038	479.77252	339.93717
.323	-.132	[illegible]	[illegible]	[illegible]	[illegible]6633	7+01.[illegible]059	236.21126	274.06281	259.61852	418.57018	477.67158
.340	3.843	1306.[illegible]	1299.[illegible]	[illegible]	643.81[illegible]	[illegible]	244.37602	282.70084	255.58958	339.06234	552.38090
	GRADIENT	13.37[illegible]	30.[illegible]	13.[illegible]	[illegible]	[illegible]	.98985	2.34872	.50330	-17.61470	26.51561

ARC97-044-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (KE6014) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 2.000 PT = 30.700

RUN NO. 64 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
4.503	-.035	1163.04459	1255.18775	877.30446	932.38595	708.17550	224.17303	264.88207	270.47568	471.30174	493.28773
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=VARY MPS=NOM) (KE6015) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-1B = .000
ELV-0B = .000 MACH = 2.000
PT = 30.700

RUN NO. 65 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SRBCRP	1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
.366	228.380	1175.19215	1209.69930	844.[illegible]	821.95194	781.37021	239.37275	287.55809	245.00590	397.12897	489.89835
.366	253.330	1175.50372	1196.37878	862.[illegible]	818.23102	775.06095	229.03804	286.70128	244.30487	397.44054	488.26262
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM-1) (KE6016) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-1B = .000 ELV-0B = .000
MACH = 2.000 PT = 30.700

RUN NO. 61 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
-3.641	-.035	1356.10569	1219.73416	865.35[illegible]	840.38156	783.42946	258.15839	255.74532	250.84134	346.27439	471.83193
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM-) (KE6016) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.8000 IN. YMRP = .000 IN. YT
LATREF = 1690.8100 IN. ZMRP = 400.0000 IN. ZT
SCALE = .01 0

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 63 0 PHI = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1R6	1R7	2R1	2R2	2R3	1S6	1S7	CP225	2S2	2S3
.305	-4.195	1188.24232	1003.84755	11.4.82340	1317.57974	681.80599	228.18123	219.45733	242.98071	477.20195	326.24725
3.79	-.195	1189.84869	1180.07142	111.44.67	627.43065	776.69358	229.18219	225.82957	245.00370	392.68109	485.15113
8.11	3.795	1194.43.8	1.1	331.3.1091	61.1.	438.64835	1043.62773	239.94109	256.94902	244.31010	289.24847
GRADIENT	0	1.1.1.7	31.6.843	1.2.4.31	4111.34715	52.93102	1.47918	4.70995	.16370	-23.51539	28.33734

RUN NO. 13 0 PHI = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1R6	1R7	2R1	2R2	2R3	1S6	1S7	CP225	2S2	2S3
4.409	-4.195	1189.6.635	1191.1.1145	681.6.1208	1317.1.1295	719.1.1216	213.1.273	217.22163	258.05172	469.78201	489.59720
GRADIENT	0	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 58 0 PHI = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1R6	1R7	2R1	2R2	2R3	1S6	1S7	CP225	2S2	2S3
-3.991	-4.198	1201.20735	916.57831	884.38020	537.71188	782.44618	257.34524	258.35620	251.05343	349.56308	469.28183
GRADIENT	0	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 59 0 PHI = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1R6	1R7	2R1	2R2	2R3	1S6	1S7	CP225	2S2	2S3
.216	-4.195	1189.28741	1016.31718	1193.73045	1316.10879	658.37874	227.94756	223.35193	245.62904	478.37033	326.00147
3.72	-.195	1191.1.1.1	1.1.1.1	844.34369	813.02396	759.05415	227.95995	228.97155	245.31292	395.65342	481.40665
8.0	3.795	1.1.1.1	1.1.1.1	1.1.1.1	1.1.1.1	426.44333	1080.58011	239.39960	257.58127	244.36689	290.46960
GRADIENT	0	1.1.1.1	1	31.1.1	1.1.1.1	52.99756	1.44228	4.27861	-.15841	-23.52049	28.01821

RUN NO. 60 0 PHI = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1R6	1R7	2R1	2R2	2R3	1S6	1S7	CP225	2S2	2S3
4.493	-4.195	1188.01567	1259.82100	879.71603	540.31779	714.85483	214.90365	220.19167	258.14099	469.25222	485.16970
GRADIENT	0	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (KE6018) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1293.3000 IN. YMRP = .0000 IN. YT
BREF = 1293.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.000
PT = 30.700

RUN NO. 6[illegible] 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MRSCPR	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
.386	388.100	1166.83911	1200.29147	853.84281	815.97660	767.19193	228.77943	227.92763	243.87944	396.81554	486.71874
.373	431.630	1169.28729	1205.09415	859.32442	814.56586	777.82490	230.83620	229.35722	245.00326	399.28412	488.48991
.386	618.070	1171.20193	1208.64803	868.27965	816.39628	771.88048	229.30051	228.60131	244.29449	398.11870	487.15030
.389	735.140	1170.37952	1202.74485	865.73236	803.03245	771.44356	228.76648	229.15455	244.59374	397.98500	485.74643
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (KE6019) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1293.3000 IN. YMRP = .0000 IN. YT
BREF = 1293.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 22[illegible] 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
-3.373	-.089	1140.97934	1205.98193	7[illegible]3.80448	529.03391	589.61576	186.33347	176.56776	179.79338	280.09763	367.39056
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 23[illegible] 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
-3.[illegible]	-.[illegible]	387.[illegible]+	7[illegible]	[illegible]	1071.[illegible]73	479.23735	152.[illegible]79	1[illegible].31703	152.70093	377.58[illegible]0	253.31055
-.[illegible]	-.186	884.[illegible]930	981.[illegible]3[illegible]	[illegible]	6+5.[illegible]621	584.77763	165.03937	156.43112	169.07361	303.59776	372.67036
.[illegible]	3.[illegible]69	1800.[illegible]888	1[illegible]8.23606	98+.[illegible]72	334[illegible].936	969.36455	175.77480	179.[illegible]38	18.[illegible]387	220.34534	472.19986
	GRADIENT	20.88[illegible]2	24.50[illegible]3	6.[illegible]879	-86.[illegible]516	51.59459	2.16978	4.37062	.22032	-19.69034	27.38103

RUN NO. 24[illegible] 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
-4.[illegible]	-.[illegible]99	1[illegible]35.51187	941.[illegible]8438	7[illegible].[illegible]3[illegible]3	669.[illegible]8[illegible]9	556.98417	153.97726	151.[illegible]0[illegible]4	180.[illegible]9131	342.[illegible]0939	372.55378
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM- MPS=NOM) (KE6020) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 34/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
-3.410	-.082	1142.84497	309.23846	740.38602	532.87241	593.73305	189.56645	176.11017	182.53093	279.32053	388.25494
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 35/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
.528	-4.045	953.38776	758.79788	926.82898	1034.94958	455.65440	162.37594	147.50992	161.27953	378.10449	282.13341
.547	-.132	983.01335	900.90324	693.12293	654.22843	592.01096	167.12114	156.83159	168.97326	302.15104	374.69706
.521	3.958	1171.62674	959.10751	964.76092	347.56410	981.81844	176.61274	180.19143	163.81203	226.32089	468.62670
	GRADIENT	87.41893	24.03684	5.27460	-85.80390	65.96336	1.78288	4.09561	.30456	-19.88592	27.13284

RUN NO. 36/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
-.537	-.099	1019.64589	952.78310	705.34187	648.43870	662.66051	157.79731	150.76297	161.38948	333.73128	373.40675
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (KE6021) 23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 25/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
-3.413	-.099	1143.71886	919.37032	734.16704	527.14128	593.62112	186.28743	182.57353	185.04947	284.21613	358.66138
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 26/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	IP6	IP7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
.548	-4.036	959.09814	758.09681	928.63447	1038.12788	466.79985	159.38321	153.49536	166.43784	320.12651	253.93729
.550	-.129	986.10651	927.33338	702.70.63	636.80762	590.66105	164.10849	164.10849	173.60579	3.6.43032	375.11368
.528	3.949	1195.75801	959.11718	971.82241	345.98063	993.82634	174.96522	183.90025	165.41.61	232.83672	470.03612
	GRADIENT	88.79762	23.91163	5.89255	-80.66049	66.24362	2.38099	3.81552	-.14216	-18.44386	27.04460

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

AR097-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (KE6021) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 27 0 PANEL = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
+.6+3	-.089	1036.80589	947.03371	714.75460	675.41946	562.84980	155.52173	156.69058	186.03911	345.44594	375.95333
	GRADIENT	.00000	.00010	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AR097-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) KE6022) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.300 PT = 30.700

RUN NO. 28/ 0 PANEL = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
-3 +10	-.092	1146.33036	922.04691	714.16728	618.47877	582.10431	187.68402	188.43882	191.86314	293.01492	357.35805
	GRADIENT	.00000	.00011	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 29 0 PANEL = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
.1+18	+.036	985.74732	788.30731	638.87310	1039.40787	458.73746	169.20726	172.04285	173.21199	383.83750	387.58697
.6+47	-.128	1021.64651	868.11678	710.87436	638.44404	596.17609	169.76992	177.80483	178.92578	312.7.392	378.66921
.1+31	3.0+9	1209.88788	988.43941	875.18784	348.08176	1012.66235	177.34574	192.09390	171.88099	242.04750	474.95251
	GRADIENT	30.84461	4.10602	6.83018	-80.33402	68.27135	1.97344	2.48801	-1.23286	-17.72995	27.19814

RUN NO. 30 0 PANEL = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
+.6+7	-.093	1010.61671	894.40808	713.44.28	644.84419	550.79381	164.86176	173.99947	190.67485	341.83490	368.46381
	GRADIENT	.00000	.00011	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (KE6023) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3010 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN. ZMRP = +10.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 31 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
-3.+13	-.132	1153.28321	915.80191	783.51650	522.25119	570.76453	188.03285	214.49467	197.19801	307.24987	367.13253
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 32 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
.6+9	-+.186	975.+6++1	773.73817	385.+6880	1020.76235	410.24971	169.12255	215.30313	182.57187	379.61685	418.62010
.667	-.126	1008.93355	801.28273	710.15422	593.02869	571.22670	172.05080	215.44846	199.43242	319.64410	385.24258
.6+8	3.0+3	1201.31.60	841.11697	991.67288	321.91194	988.65665	177.33450	212.21881	217.98851	264.33355	467.46969
	GRADIENT	88.48773	8.00383	8.66814	-87.37723	72.64975	1.03791	-.38312	4.43835	-14.31405	24.90418

RUN NO. 33 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
+.6+1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

ARC97-044-11A82B OTS+RAKES SRB=VARY MPS=NOM) +E6023+ (23 JAN 76)

REFERENCE DATA

SREF = [illegible] SQ.FT. XMRP = 976.0000 IN. XT
LREF = [illegible] IN. YMRP = .0000 IN. YT
BREF = [illegible] IN. ZMRP = 400.0000 IN. ZT
SCALE = [illegible]

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.200
PT = 30.700

RUN NO. -5 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SREIAR	1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

AP097-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM-) (KES025) (23 JAN 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3700 IN. YMRP = .0000 IN. YT
BREF = 1999.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.00

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 40. 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1B6	1B7	2P1	2P2	2P3	1S6	1S7	OP2SS	2S2	2S3
-2.480	-1.038	1.5+.83913	919.73990	750.24150	532.55609	598.66743	192.43577	180.16876	184.33135	382.03044	370.65211
	*RADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 41/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1B6	1B7	2P1	2P2	2P3	1S6	1S7	OP2SS	2S2	2S3
-.991	-4.042	959.39855	761.09951	930.78050	1031.63560	457.82510	184.76146	180.16973	183.39759	377.83873	250.86588
6.031	-1.036	997.6.480	901.40287	69.13713	844.39445	598.11651	189.43526	181.03097	189.70118	383.30138	375.6.672
1.484	3.958	1.86.03177	966.70351	966.16031	349.88701	989.66940	176.5.146	181.84099	181.97819	389.00484	469.886-5
	GRADIENT	88.47160	34.2.634	4.86372	65.31106	06.68651	1.47022	3.04893	-.18033	-.8.47878	27.08739

RUN NO. 42 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	1B6	1B7	2P1	2P2	2P3	1S6	1S7	OP2SS	2S2	2S3
-4.043	-1.046	1.087	0.7305	947.88633	709.16494	870.81174	560.24020	180.19782	184.61947	382.37347	340.01474	374.87747
	GRADIENT		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

AP097-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM-) (KES025) (23 JAN 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3700 IN. YMRP = .0000 IN. YT
BREF = 1999.8000 IN. ZMRP = 400.0000 IN. ZT
SCALE = 1.00

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 37/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1B6	1B7	2P1	2P2	2P3	1S6	1S7	OP2SS	2S2	2S3
-3.482	-1.038	1.86.10795	921.46671	744.84473	526.65904	594.75782	191.33785	182.47710	188.67356	384.4.388	369.63873
	GRADIENT	00.0	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 38 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	1B6	1B7	2P1	2P2	2P3	1S6	1S7	OP2SS	2S2	2S3
-.991	-4.042	959.39855	761.09951	930.78050	1031.63560	457.82510	184.76146	180.16973	183.39759	377.83873	250.86588
6.031	-1.036	997.6.480	901.40287	69.13713	844.39445	598.11651	189.43526	181.03097	189.70118	383.30138	375.6.672
1.484	3.958	1.86.03177	966.70351	966.16031	349.88701	989.66940	176.5.146	181.84099	181.97819	389.00484	469.886-5
	GRADIENT	88.47160	34.2.634	4.86372	65.31106	06.68651	1.47022	3.04893	-.18033	-.8.47878	27.08739

·11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (KE6026) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = [illegible] N. XT
LREF = 1290.3000 IN. YMRP = [illegible] .N YT
BREF = 1290.3000 IN. ZMRP = [illegible] IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 39/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
4.637	- .092	1022.78870	934.34276	705.24990	664.80962	560.61397	159.23724	157.65539	182.68986	338.46749	372.76672
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (KE6027) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.200
PT = 30.700

RUN NO. 43/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MPSCPR	1P6	1P7	2P1	2P2	2P3	1S6	1S7	CP225	2S2	2S3
.600	521.860	991.52538	938.34384	692.75813	617.80798	602.30817	169.96710	162.80275	171.68930	306.15967	379.73105
.590	665.620	990.03339	946.39880	699.83018	616.69227	598.56268	170.42003	163.38886	172.00549	305.59764	379.80449
.593	902.330	990.30838	946.09641	692.73839	613.26703	598.11651	170.04546	165.56916	172.59350	306.19353	377.99304
.577	1056.000	991.97495	952.42060	690.42478	613.38341	600.15269	171.53249	167.39789	172.84176	307.56093	379.89613
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (KE6031) 23 JAN 76

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 1/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-3.871	-.150	1424.05075	1686.82314	1952.36450	1882.95639	1691.80724	450.67604	507.90080	706.34150	793.00932	868.32449
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (LE6001) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 2/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
.092	-4.091	1845.34755	1846.91711	2029.81888	1955.58717	1878.67795	426.45085	563.92724	851.34430	754.03059	815.24405
.098	-.171	1838.51483	1912.24045	1982.08577	1926.19104	1858.37825	463.78140	631.09606	773.74313	740.85300	803.86162
.089	3.900	1747.38754	1944.41548	1855.50363	1771.02351	1511.85880	495.51220	687.55443	714.05257	680.53750	714.32954
	GRADIENT	-12.32379	12.17299	-21.87324	-23.19273	-46.15582	8.63670	15.46007	-17.16411	-9.23299	-12.68860

RUN NO. 3/ 0 RN/L = 4.07 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
4.148	-.144	1693.63881	1901.67172	1478.30486	1820.25146	1787.53549	461.89172	769.73606	706.89182	727.03895	789.32867
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM- MPS=NOM) (LE6002) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 13/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-3.995	-.144	1433.48694	1424.62420	1945.03819	1835.83557	1576.41006	452.51006	539.90911	689.30050	754.80359	895.60291
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 14/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-.019	-4.091	1853.03301	1915.92845	2038.40904	1973.00589	1817.49994	428.21691	676.59879	860.96722	795.10153	855.41675
-.009	-.181	1841.78598	1920.16072	1975.53737	1965.51064	1834.93810	464.80822	685.14103	780.82635	765.37234	842.64241
-.019	3.897	1768.82349	1942.82360	1903.58145	1559.17848	1544.30884	497.80035	704.86698	718.72068	668.75500	735.[illegible]512
	GRADIENT	-10.56035	3.36830	-16.80413	-52.14603	-34.46365	8.70698	3.54803	-17.78897	-15.87292	-15.11162

RUN NO. 15/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
4.152	-.140	1703.80598	1908.24605	1440.84838	1845.48340	1755.96435	465.18603	823.19077	715.01751	783.77352	803.16210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=NOM MPS=NOM) (LE6003) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 4/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-3.965	-.144	1428.30197	1201.08276	1917.08640	1805.83116	1673.70979	453.04131	550.44735	681.36845	750.24514	895.47708
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 5/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
.008	-4.058	1852.03656	1928.64391	2031.09468	1994.94568	1828.77747	428.06303	704.31094	860.84835	802.23912	860.66375
.002	-.181	1838.36540	1921.72643	1952.50163	1928.19568	1842.70905	461.79929	699.68322	779.62479	763.54406	855.49997
-.022	3.900	1765.44759	1836.97913	1891.22849	1469.89484	1545.21550	497.47264	679.35126	717.15022	666.22791	727.96313
	GRADIENT	-10.89168	-11.54381	-17.49090	-64.83062	-35.77437	8.68952	-3.13833	-17.96923	-17.07712	-16.72345

RUN NO. 6/ 0 RN/L = 4.02 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
4.145	-.140	1703.25027	1901.48689	1425.16452	1856.66415	1779.40271	465.86568	930.08501	718.35165	807.53503	808.82887
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B OTS+RAKES(SRB=NOM+ MPS=NOM) (LE6004) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 7/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-3.985	-.144	1426.27719	905.97385	1839.24242	1777.67203	1700.29306	453.16956	560.31678	666.63198	748.07867	883.05275
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 8/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-.042	-4.091	1853.57407	1934.87550	2031.32858	1987.90622	1887.66525	427.47292	731.79898	863.26711	803.86162	871.58202
-.015	-.178	1837.66912	1853.75383	1903.00165	1963.82913	1866.87794	462.21081	705.93034	777.16149	762.00986	868.53322
-.039	3.897	1768.85428	1287.23563	1886.00226	1320.77248	1545.92203	498.24213	598.57549	711.93556	654.65500	740.66823
	GRADIENT	-10.64912	-81.47257	-18.04683	-83.85677	-43.02802	8.85922	-16.74397	-18.92452	-18.73114	-16.49128

ARC97-044-IIA82B OTS+RAKES(SRB=NOM+ MPS=NOM) (LE6004) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 9 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
4.128	-.140	1703.25696	1844.10289	1396.99783	1901.54958	1763.93616	465.56741	805.81428	725.18574	828.81142	836.38477
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM++ MPS=NOM) (LE6005) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 10/ 0 RN/L = 4.01 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-3.999	-.144	1424.43181	866.03874	1501.63295	1670.36867	1640.71211	452.14051	581.48370	636.26979	743.34748	911.12408
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 11/ 0 RN/L = 4.00 GRADIENT INTERVAL -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-.049	-4.088	1850.51898	1953.39781	2011.06532	1901.35866	1877.83032	425.99335	766.55453	858.63800	797.74113	916.02869
-.032	-.181	1839.11555	1320.80247	1776.21977	1723.66806	1897.76289	464.92090	649.54454	769.87107	763.42195	897.80284
-.042	3.897	1774.99576	851.43495	1651.04587	1087.48579	1535.70490	499.85780	572.89473	680.36734	651.94865	770.25184
	GRADIENT	-9.50360	-137.93802	-44.98259	-102.31769	-43.17937	9.24545	-24.21337	-22.32119	-18.32417	-18.35084

RUN NO. 12/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
4.112	-.140	1703.71236	1195.78304	1379.14035	1905.27603	1844.46498	469.56241	682.86314	736.09591	833.41206	882.02393
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=VARY MPS=NOM) (LE6006) (23 JAN 76)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF =	1290.3000 IN.	YMRP =	.0000 IN. YT		
BREF =	1290.3000 IN.	ZMRP =	400.0000 IN. ZT		
SCALE =	.0100				

PARAMETRIC DATA

BETA =	.000	ELV-IB =	.000
ELV-OB =	.000	MACH =	1.550
PT =	30.700		

RUN NO. 70/ 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SRBCPR	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
.029	117.220	1830.49042	1919.59935	1960.56828	1938.28854	1834.62335	460.09292	686.48074	774.49488	758.19938	838.94038
.029	129.540	1836.32309	1927.09576	1965.06363	1924.97620	1843.41904	462.38421	691.66584	776.44844	760.78209	846.39408
.032	155.810	1849.06517	1930.04204	1961.11563	1920.58083	1851.01308	463.55389	707.31928	780.41180	764.36484	867.13960
.019	196.370	1855.20302	1918.31088	1953.41083	1913.28993	1864.13947	466.60934	712.17547	783.38779	768.77297	868.47022
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM (LE6007) (23 JAN 76)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF =	1290.3000 IN.	YMRP =	.0000 IN. YT		
BREF =	1290.3000 IN.	ZMRP =	400.0000 IN. ZT		
SCALE =	.0100				

PARAMETRIC DATA

ELV-IB =	.000	ELV-OB =	.000
MACH =	1.550	PT =	30.700

RUN NO. 66/ 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-7.331	-.150	1435.62126	1255.03004	1927.58984	1822.15312	1644.05981	450.88097	548.02277	683.18864	750.54029	887.09391
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 67/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
.015	-4.101	1849.99533	1920.63237	2033.45695	1981.11246	1806.59740	421.28042	696.90337	859.59940	800.41203	857.56801
.015	-.194	1843.69915	1930.32432	1967.31071	1946.67956	1847.78004	463.46315	696.69598	780.23793	765.15702	841.95359
.012	3.903	1788.65336	1932.68117	1882.23026	1496.84109	1550.94540	499.10214	691.19556	718.57141	669.27637	721.80842
	GRADIENT	-10.98767	-3.53355	-18.00981	-60.85349	-32.23548	9.71585	-.71771	-17.60183	-16.43533	-17.05162

RUN NO. 68/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
4.112	-.147	1718.83278	1903.73622	1432.12126	1846.57921	1795.16566	462.30451	830.62922	718.35318	802.37494	805.52460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (LE6008) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 1.550 PT = 30.700

RUN NO. 16/ 0 RN/L = 4.00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-3.995	-.144	1426.09560	1176.77490	1910.86526	1801.27884	1709.44820	452.67218	549.12672	678.[illegible]097	748.60177	902.94756
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 17/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-.042	-4.091	1850.40215	1928.50148	2035.00055	1986.40746	1859.80725	426.35725	708.41846	861.57428	803.76049	863.60284
-.022	-.181	1841.04552	1923.02029	1956.66043	1895.94180	1838.64265	463.18556	703.01027	779.25512	760.77151	871.02619
-.045	3.897	1765.76729	1778.99184	1905.40907	1434.78853	1538.45638	498.72623	664.53927	716.51190	663.15210	729.45882
	GRADIENT	-10.65111	-18.83476	-16.19706	-69.36855	-40.46636	9.05715	-5.52113	-18.14008	-17.64735	-16.92057

RUN NO. 18/ 0 RN/L = 3.99 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
4.092	-.140	1709.43593	1890.03793	1417.41043	1868.25978	1767.82259	465.42204	827.73289	718.15415	814.54286	815.28076
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (LE6009) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 1.550
PT = 30.700

RUN NO. 69/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MPSCPR	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
.052	223.330	1840.79825	1923.42711	1959.38081	1937.56828	1848.00749	464.02057	697.58107	778.73109	761.35500	845.92480
.052	251.670	1840.28584	1923.88286	1959.80273	1927.40079	1846.76622	464.96194	699.92236	779.72373	761.67122	852.76698
.033	303.150	1838.26762	1922.16319	1952.09350	1911.26047	1839.56117	462.58360	700.96527	777.74635	760.56065	857.94608
.032	326.780	1842.23064	1926.08824	1953.17784	1915.08598	1838.90224	465.00609	701.69344	778.43192	760.95773	865.24810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (LE6010) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 19/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-3.580	-.095	1021.93899	1145.1599[illegible]	1569	.907	1372.42389	1243.61250	263.20173	232.29941	383.93814	365.76944	434.17381
	GRADIENT	.00000	.00000	.0000		.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 20/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
.374	-4.043	1402.07050	1476.65770	1473.47221	1712.92819	1440.60722	234.23697	308.12491	524.73857	502.75089	271.93674
.387	-.136	1426.38904	1474.55994	1306.81644	1609.20538	1336.49593	262.82873	285.98184	478.58774	448.67517	290.02198
.374	3.945	1349.23790	1391.27089	1213.42703	1442.31651	1085.92955	290.87662	271.53057	415.49940	369.19318	392.81246
	GRADIENT	-6.70475	-10.76116	-32.49310	-33.92911	-44.52685	7.08899	-4.57349	-13.68859	-16.74016	15.19895

RUN NO. 21/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
4.540	-.095	1308.78210	1538.53242	1150.01013	1535.88994	1155.52826	255.37524	354.93456	430.78928	533.92371	261.43740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM- MPS=NOM) (LE6011) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 55/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-3.627	-.095	1028.29750	994.52535	1359.23607	1434.88609	1184.00731	261.34301	288.26734	379.62333	383.65976	504.36237
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 56/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
.320	-4.046	1419.99905	1463.17947	1579.31454	1718.98840	1457.72346	235.57724	360.51986	530.98120	504.09087	421.31540
.326	-.132	1432.47542	1534.08160	1319.83017	1616.95245	1357.22310	262.95488	362.61756	484.51388	450.85246	469.49944
.313	3.963	1360.14879	1226.00417	1217.60555	1431.45929	1112.31174	288.93592	341.89389	416.78158	381.39851	427.04656
	GRADIENT	-7.55790	-29.98819	-45.08202	-36.02142	-43.31205	6.66976	-2.34889	-14.29630	-15.35360	.63731

ARC97-044-11A82B OTS+RAKES(SRB=NOM- MPS=NOM) (LE6011) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 57/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

	ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
	4.463	-.095	1324.68794	1510.70183	1145.98398	1582.71222	1232.30313	254.87486	415.92617	440.57767	537.31733	393.29655
		GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (LE6012) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 46/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

	ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
	-3.604	-.095	1021.70075	682.78104	1474.73537	1496.14163	1208.36346	262.75101	307.89878	363.78862	387.99717	547.25986
		GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 47/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

	ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
	.327	-4.049	1418.57246	1471.46164	1532.42789	1717.65652	1477.51942	233.19685	400.55276	533.51353	504.70019	503.53523
	.353	-.132	1426.33846	1450.99391	1357.00996	1623.40178	1347.09493	261.15506	373.93973	483.16115	457.75362	480.29506
	.323	3.982	1355.63841	731.88636	1180.12882	1353.39324	1154.38360	289.01369	312.03213	409.93826	383.80922	456.36397
		GRADIENT	-7.03338	-83.03082	-44.03026	-45.67763	-40.45190	6.97681	-11.09349	-15.45360	-15.13172	-5.89578

RUN NO. 48/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

	ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
	.493	-.092	1326.03933	1120.88071	1167.74377	1596.47166	1365.24078	255.89589	390.51757	446.85635	539.84647	488.95481
		GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

ARC97-044-1IA82B CTS+RAKES(SRB=NOM+ MPS=NOM) (LE6013) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. +97 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-3.62+	-.095	1009.21729	701.28931	1265.33046	1462.69421	1289.95224	262.46077	330.24855	349.96156	394.29633	559.40245
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 50/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
.327	-4.049	1424.24957	1474.63528	1541.71638	1720.75191	1476.65489	235.90605	426.97563	534.03981	511.44666	523.86909
.328	-.132	1436.74294	854.93002	1215.25160	1636.55905	1234.64977	263.63905	341.71649	480.77980	468.34956	489.08257
.330	3.949	1364.89334	475.56373	954.52347	1183.98796	1170.19174	290.69294	308.14217	385.46162	396.24105	478.60351
	GRADIENT	-7.42286	-124.70177	-73.36651	-67.42276	-39.66580	6.84779	-14.81276	-18.61185	-15.68686	-8.83676

RUN NO. 51/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
4.+08	-.095	1330.64169	643.63481	1279.27629	1566.84409	1407.07124	260.00344	352.12486	454.08297	551.04467	514.11803
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-1IA82B CTS+RAKES(SRB=NOM++ MPS=NOM) (LE6014) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 52/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-3.62+	-.095	1019.19066	1007.11353	585.19299	1270.16132	1172.76506	263.08411	398.73760	357.83117	412.76256	529.53915
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 53/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
.310	-4.046	1436.43092	995.77042	1347.03183	1735.87839	1428.73863	237.68695	412.38386	524.43890	533.46555	575.40838
.323	-.132	1434.45871	512.51030	814.08296	1449.81183	1350.97252	263.19571	356.04712	433.81212	474.09439	564.22402
.330	3.949	1360.19972	328.58744	461.03640	952.25253	1005.69284	290.86354	318.38350	362.98852	393.24712	500.76154
	GRADIENT	-119.79184	-83.18685	-110.68549	-103.52731	-53.14510	6.65273	-11.74044	-20.19315	-17.55596	-9.38171

ARC97-044-IIA82B OTS+RAKES(SRB=NOM++ MPS=NOM) (LE6014) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 54/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
4.509	-.095	1327.66757	567.16997	1121.09253	1446.06561	1431.14934	267.44581	371.00524	451.49105	568.95681	563.75165
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=VARY MPS=NOM) (LE6015) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.000
PT = 30.700

RUN NO. 55/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
.365	222.360	1430.05478	1519.31902	1311.97050	1620.57861	1369.22113	264.79047	374.69609	494.35802	466.01533	476.60092
.368	253.300	1430.60002	1503.03959	1287.43452	1625.95316	1364.54761	263.46630	375.31921	483.27753	467.26160	480.00606
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM-) (LE6016) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 61/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-3.641	-.095	986.66037	806.00334	1514.97917	1475.51378	1177.61627	260.18225	302.83912	369.22556	385.11706	529.12290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM-) (LE6016) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 62/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
.306	-4.046	1421.79823	1467.20926	1519.86+26	1724.72021	1525.55037	235.34729	389.24929	533.90733	505.24307	497.29808
.313	-.135	1437.99805	1456.94427	1322.76134	1628.70778	1374.29819	263.02031	369.29069	487.33424	457.31656	465.26929
.310	3.952	1364.6+857	857.14148	1201.51292	1377.98384	1128.33205	290.41874	325.37080	413.45312	383.81528	449.65347
	GRADIENT	-7.22709	-76.81221	-39.73077	-43.49044	-49.74736	6.88480	-7.89401	-15.06431	-15.21557	-5.04148

RUN NO. 63/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
4.409	-.098	1323.84969	1195.36302	1166.15031	1572.81174	1364.05522	256.72454	396.31191	444.402+2	539.02804	475.73818
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM+) (LE6017) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.000 PT = 30.700

RUN NO. 59/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-3.651	-.098	980.70851	701.80500	1396.65541	1488.94994	1257.74748	260.45390	315.14685	357.87590	390.81694	555.20586
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 59/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
.305	-4.046	1424.99179	1467.75+50	1525.+9508	1726.97908	1473.05116	235.81465	416.83565	535.07571	509.67032	512.26335
.313	-.132	1433.85195	1244.15907	1300.03098	1636.19609	1298.00775	260.72048	364.29358	484.36366	453.97587	491.35710
.310	3.949	1358.28300	544 .1215	1109.93582	1272.90761	1164.17039	288.14119	301.33556	398.59591	379.81332	455.01108
	GRADIENT	-8.41596	-115.03539	-62.05836	-67.02460	-38.69003	6.54672	-14.45479	-17.10145	-16 .6191	-7.17280

RUN NO. 60 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
4.+93	-.095	1328.73174	806.15093	1217.45001	1561.01578	1383.63380	256.19686	360.86855	449.93171	544.93830	500.53449
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (LE6018) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.000
PT = 30.700

RUN NO. 64/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MPSCPA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
.386	386.100	1424.27637	1470.18503	1267.11874	1622.24023	1364.93117	263.31588	374.66965	481.99814	457.66024	477.42842
.373	431.630	1429.10960	1460.49046	1264.17548	1628.47134	1346.45340	263.91862	374.68535	483.11887	460.70767	481.25089
.366	618.070	1425.78979	1362.16150	1217.97072	1632.98535	1327.12376	262.86216	369.90764	483.02182	461.61397	483.42123
.389	775.140	1499.05798	1266.07758	1295.33806	1630.78577	1313.34450	263.29573	367.80746	482.44184	463.10663	487.37832
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=OFF MPS=OFF) (LE6018) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.800 PT = 30.700

RUN NO. 22/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-3.373	-.089	839.20273	1072.75592	1368.98191	1174.91895	960.19762	212.76318	183.71743	285.72499	280.37310	278.85645
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 23/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
.591	-4.035	1147.78377	1294.52446	1053.96598	1593.09183	1117.33594	174.89648	240.03307	398.14187	433.01816	433.73032
.000	-.128	1109.47756	1210.46755	887.40370	1470.11083	960.63006	201.81362	238.16928	341.11613	368.10181	387.10609
.595	3.952	1173.47969	1221.97694	762.28722	1246.91429	830.31223	224.20306	208.63437	291.18888	289.82333	254.94959
	GRADIENT	3.14874	-9.17218	-36.43366	-43.41092	-28.39418	8.16797	-4.67229	-13.27437	-17.29182	.21703

RUN NO. 24/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
4.757	-.089	1009.48921	1322.65618	1344.72674	1020.15987	1014.92781	195.48359	273.63388	340.88601	433.88644	285.50513
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM- MPS=NOM) (LE6C3D) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 8.800 RP = 30.700

RUN NO. 34/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	351	352	353	354
-3.410	-.098	901.69140	872.62644	1346.53346	1263.34767	1020.78215	209.98934	231.77956	285.06370	293.62918	373.51451
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 35/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	351	352	353	354
.529	-4.045	1151.13747	1273.97052	1050.22665	1601.09145	1123.11810	173.28855	290.68955	397.83460	429.88428	242.91017
.647	-.132	1202.83564	1333.40732	845.88945	1471.77747	1195.53595	200.66508	285.65675	366.14662	362.21101	336.81239
.521	3.978	1181.06622	757.73726	681.62123	1225.72005	986.83927	222.03460	232.35775	299.66564	288.08180	320.86827
	GRADIENT	3.66997	-65.07244	-46.01139	-47.00029	-24.82527	6.08656	-7.33133	-13.83138	-16.47912	9.81193

RUN NO. 36/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	351	352	353	354
-1.837	-.089	1038.17766	1233.95039	1334.64497	1078.46562	1014.48035	192.43780	301.99271	354.77416	488.70816	348.49849
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-IIA82B OTS+RAKES(SRB=NOM MPS=NOM) (LE6C2D) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1690.3000 IN. YMRP = .0000 IN. YT
BREF = 1690.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 8.800 RP = 30.700

RUN NO. 25/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	351	352	353	354
-3.473	-.099	989.40305	790.65387	1282.90698	1235.85063	1145.21	209.94637	250.45544	316.93420	398.54252	437.18828
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 26/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	351	352	353	354
-1.48	-.130	1160.85537	1283.46668	1032.05470	1598.71645	1149.99777	75.387	300.88089	402.43164	432.03413	300.43031
.882	-.108	1211.03444	865.84431	816.90501	1479.48424	1108.88316	91.54712	277.87021	352.19889	368.40163	353.50369
.848	7.943	1173.14681	852.67445	820.54468	1182.41800	1000.42451	87.80190	291.05864	388.48415	409.07950	378.77465
	GRADIENT	1.48810	-118.08672	-84.10155	-50.31306	-18.79274	-.98599	-2.48978	-4.81188	-5.15132	8.47512

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM) (LE6021) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 27/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
4.643	-.099	1023.37274	766.83383	1360.51060	1052.23580	1050.37683	196.30342	268.36027	360.32575	433.00259	305.14646
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM+ MPS=NOM) (LE6022) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 28/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-3.410	-.092	899.71539	1007.79463	884.69352	1213.02841	1049.70712	213.58731	297.82454	272.53963	311.77247	435.44867
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 29/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
.528	-.036	1169.65422	1199.94514	958.34241	1518.14084	1313.91295	179.86222	336.82426	405.11652	441.80984	429.14273
.547	-.129	1220.29991	483.31049	881.86389	1482.43881	1042.63508	205.47464	261.27545	344.76846	378.63762	372.66887
.531	3.949	1183.61714	316.07712	483.34216	1025.72427	972.62952	225.53492	240.65998	279.16643	305.66997	392.32684
	GRADIENT	1.79619	-110.03174	-66.78952	-76.24519	-42.65749	5.71430	-11.99308	-15.77641	-17.05643	-4.54251

RUN NO. 30/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
4.647	-.099	1011.87055	803.50639	927.62015	967.10610	1076.30943	197.54136	275.82774	352.05756	433.36024	375.70800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM++ MPS=NOM) (LE6023) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 31/ 0 RN/L = 3.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-3.413	-.092	834.09494	447.34494	401.24348	1057.82747	804.71738	213.94338	284.71498	283.75023	322.61603	379.39869
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 32/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
.548	-4.035	1186.53645	593.42520	779.41993	1569.77357	1225.99239	182.50325	299.84174	388.42887	441.81445	473.03610
.567	-.126	1207.88612	585.60028	522.80840	1215.58904	1132.23253	202.44979	280.57933	327.48456	372.67039	453.34464
.548	3.949	1183.24692	263.04718	432.29135	791.25021	715.62582	224.10166	254.66737	283.72197	308.72404	355.63726
	GRADIENT	-.45131	-41.28554	-43.32636	-97.54951	-64.18635	5.21056	-5.66259	-13.09705	-16.66160	-14.76790

RUN NO. 33/ 0 RN/L = 3.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
4.880	-.088	1022.69336	358.54572	513.25919	927.77585	1124.82762	211.39284	280.46730	317.78823	434.83712	429.26991
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=VARY MPS=NOM) (LE6024) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.200
PT = 30.700

RUN NO. 45/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	SRBCPR	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
.577	834.710	1199.21019	1288.17328	737.18719	1479.08929	1225.43407	199.77276	286.99889	344.53247	360.57879	345.90395
.580	831.710	1200.57963	1181.93462	732.66607	1485.42949	1199.10062	201.13806	286.69340	348.69699	364.42105	351.51221
.577	465.270	1208.21136	764.17963	685.99579	1504.71599	1122.29202	200.73105	267.86417	343.97601	369.80706	366.90625
	553.530	1209.84241	546.85612	643.66565	1508.90236	1100.84766	203.32134	261.17933	342.80413	375.30161	392.20861
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM-) (LE6025) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 40/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-3.420	-.092	896.16856	808.98420	1320.93404	1301.37610	1074.04942	211.50278	240.15104	280.36879	295.10611	407.63315
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 41/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
.521	-4.042	1155.82828	1270.17650	1049.19046	1609.64133	1134.21158	173.57635	302.17508	400.89594	+29.74115	254.12266
.520	-.125	1203.99957	1156.82637	806.91882	1479.39471	1169.35997	201.93041	284.08755	354.81293	363.69664	344.75850
.524	3.959	1182.62068	473.76317	612.09027	1199.46492	956.32361	222.73530	223.42418	288.38557	299.26987	349.35144
	GRADIENT	3.28792	-100.02918	-54.58625	-51.51877	-22.44788	6.13718	-9.87911	-14.07893	-16.30452	11.82655

RUN NO. 42/ 0 RN/L = 3.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
+.643	-.088	1006.90508	993.98841	1350.75802	1051.87457	1021.22922	194.07969	281.33291	357.22324	430.01460	264.32301
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (LE6026) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 37/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
-3.433	-.092	993.82958	994.32259	1143.29894	1287.24956	1192.24622	211.09579	272.29721	272.50374	301.55549	445.02430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 38/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
.508	-4.042	1154.95111	1229.71155	1019.24438	1610.43835	1278.13771	173.78226	324.16496	403.24029	431.80100	373.37197
.503	-.125	1207.54319	782.72342	765.45288	1480.15181	1095.64199	200.84613	267.60627	354.44257	367.16206	353.03682
.5 4	3.956	1190.25608	346.34938	490.54980	1131.46326	1009.74066	221.86443	222.97691	280.64222	300.29929	367.38074
	GRADIENT	1.88870	-110.40081	-66.18482	-60.07834	-32.35868	6.00879	-12.04038	-15.34932	-16.44307	-.73553

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=NOM+) (LE6026) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ELV-IB = .000 ELV-OB = .000
MACH = 2.200 PT = 30.700

RUN NO. 39/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
4.637	-.092	1013.22883	652.49871	1394.52296	1056.42015	1057.72690	193.90034	260.54428	365.70279	433.37837	330.00805
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ARC97-044-11A82B OTS+RAKES(SRB=NOM MPS=VARY) (LE6027) (23 JAN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 IN. YMRP = .0000 IN. YT
BREF = 1290.3000 IN. ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELV-IB = .000
ELV-OB = .000 MACH = 2.200
PT = 30.700

RUN NO. 43/ 0 RN/L = 3.28 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	MPS_PR	2P4	3P1	3P2	3P3	3P4	CP231	3S1	3S2	3S3	3S4
.000	991.660	1203.70041	1171.73637	732.84427	1499.86115	1197.50049	201.65558	286.66336	343.97818	365.05791	350.59143
.791	4 [illegible] 880	1201.86770	1089.36584	724.91707	1489.86658	1172.49904	201.85348	282.36722	345.23412	367.15481	354.68473
.882	1[illegible]360	1205.30803	917.2-155	715.05097	1499.68379	1136.30429	201.51722	276.92548	342.55478	368.17294	359.15149
.637	1000.000	1208.78741	865.45618	709.71956	1497.15414	1139.44234	202.19744	274.48403	346.15043	368.68400	362.48210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000